

AD A 269 542

OFFICE OF THE AD JUDGE

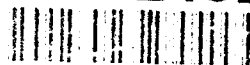
# PEACEKEEPER TRAINING PROGRAM

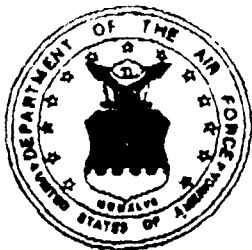
1966 ANNUAL REPORT  
FOURTH QUARTER SUMMARY

DTIC  
S O D A

BEST AVAILABLE COPY

93-21329





**Air Force  
Environmental Planning Division  
(HQ USAF/CEVP)**

Room 5B269  
1260 Air Force Pentagon  
Washington, DC 20330-1260

16 JUL 93

*MEMORANDUM FOR DTIC (Acquisition)*

*(ATTN: Mr. Mauby)*

*SUBJ: Distribution of USAF Planning  
Documents Forwarded on 1 JUL 93*

*ALL the documents forwarded to  
your organization on the subject  
date should be considered*

*Approved for Public Release, Distribution  
is unlimited (Distribution Statement A).*

*Jack Bush, Gen-14*  
Mr. Jack Bush  
Special Projects and Plans  
703-697-2928  
DSN 227-2928

## PREFACE

The purpose of the Peacekeeper Monitoring Program is to provide to the states of Wyoming and Nebraska, the U.S. Air Force, and affected local governmental jurisdictions, timely information concerning construction, deployment, and operation of the Peacekeeper Project, along with implications for the local economy, population, public services, facilities, and infrastructure within select areas influenced by the project.

Peacekeeper in Minuteman Silos: Final Environmental Impact Statement, Volumes I and II (January, 1984) and its supporting documents contain forecasts of both baseline (without the project) and impact (project-related) changes. These projections are designed to account for anticipated variations in community indicators for both baseline and impact conditions. This tracking effort is designed to collect information to verify, validate, or change analytical methods, assumptions, multipliers, and conclusions found in the Final Environmental Impact Statement (FEIS), and possibly alter the need for specific mitigation measures. Quarterly reports are primarily designed to highlight major changes. Annual figures are provided in this year-end report.

Five primary categories have been identified as the core elements to the structure of the Monitoring Program. These are (1) Peacekeeper Activities (contractors, employees, etc.), (2) local economics, (3) public finance, (4) housing indicators, and (5) public services.

Monitoring data are collected for the following political jurisdictions:

- \* Laramie County, Wyoming
- \* Laramie County School District No. 1, Wyoming
- \* Laramie County School District No. 2, Wyoming

100-100000-1000

Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

- \* Laramie County Fire District No. 2, Wyoming
- \* City of Cheyenne, Wyoming
- \* Platte County, Wyoming
- \* Town of Wheatland, Wyoming
- \* Kimball County, Nebraska
- \* City of Kimball, Nebraska
- \* Banner County, Nebraska

This monitoring report only covers those areas where major Peacekeeper activities occurred during the period from October 1 to December 31, 1986, and summarizes figures for 1986. Previous reports included:

- Quarterly Monitoring Report, No. 1, April 1-June 30, 1984;
- Quarterly Monitoring Report, No. 2, July 1-September 30, 1984;
- 1984 Annual Report (with Fourth Quarter 1984 Summary) (USAF 1984b,c, 1985);
- First Quarter 1985 Monitoring Report, January 1-March 31, 1985;
- Quarterly Monitoring Report, April 1 - June 30, 1985;
- Quarterly Monitoring Report, July 1 - September 30, 1985;
- 1985 Annual Report (with Fourth Quarter Summary, 1985);
- Quarterly Monitoring Report, January 1 - March 31, 1986;
- Quarterly Monitoring Report, April 1 - June 30, 1986; and
- Quarterly Monitoring Report, July 1 - September 30, 1986.

Authorization for this program was previously found in the "Initial Year Mitigation Agreement Between the Intergovernmental Executive Impact Council and the Department of Defense," Section I.H., implemented on May 7, 1984.

Since July of 1985, the monitoring reports have been financed in part by Section 801 of the Military Authorization Act, 1981 (P.L. 96-418 as amended by P.L. 97-00, 10 U.S.C.).

Prior to July of 1985, the U.S. Air Force was responsible for all portions of the monitoring program and reports. Since July of 1985, the Wyoming Industrial Siting Administration has been responsible for assembling the reports. The U.S. Air Force provides Chapter 1 (Peacekeeper Activities), Appendix A (Employee Survey), and Appendix B (Contractor Survey). The Economic and Business Center for Laramie County at Laramie County Community College (EBCCC) records and reports the information in Chapters 2 through 5. The tables in Chapters 2-5, for comparison purposes, present figures for the third quarter of 1984 (when Peacekeeper Project started construction), the quarter for the previous year, the last quarter, the quarter for the current report, and percentage changes for the different periods.

Certain events have caused the structure of the monitoring program to be modified: (1) the U.S. Congress modified the Peacekeeper Program to deploy 50 missiles in Wyoming rather than deploy 100 missiles in Wyoming and Nebraska, (2) Cheyenne is expected to have the only staging area for assembly and checkout workers associated with the project, and (3) Boeing has been selected as a prime contractor and their revised estimates of employees are significantly lower than previous estimates. Because of these changes, the Peacekeeper Working Group decided to simplify the monitoring reports on May 30, 1985. The existing monitoring program incorporates the gathering and reporting of data for 345 variables for the 10 units of government previously mentioned. Since July of 1985, monitoring reports cover primarily those variables associated with Laramie County, Laramie County School District No. 1, and the City of Cheyenne. Information and data on the other units of government will still be gathered and stored, but will not be reported unless circumstances warrant another change.

Suggestions and comments should be provided to:

Industrial Siting Administration  
Third Floor, Barrett Building  
2301 Central Avenue  
Cheyenne, Wyoming 82002

## TABLE OF CONTENTS

	<u>Page</u>
PREFACE . . . . .	i
LIST OF TABLES . . . . .	vi
LIST OF FIGURES . . . . .	vii
EXECUTIVE SUMMARY . . . . .	viii
CHAPTER 1	
PEACEKEEPER ACTIVITIES . . . . .	1
CHAPTER 2	
LOCAL ECONOMICS . . . . .	20
CHAPTER 3	
PUBLIC FINANCE . . . . .	24
CHAPTER 4	
HOUSING AVAILABILITY INDICATORS . . . . .	30
CHAPTER 5	
PUBLIC SERVICES . . . . .	36
APPENDICES	
APPENDIX A: PEACEKEEPER EMPLOYEE MONITORING SURVEY	
APPENDIX B: PEACEKEEPER CONTRACTOR MONITORING SURVEY	

## LIST OF TABLES

<u>Table</u>	<u>Title</u>	<u>Page</u>
1	Fourth Quarter, 1986: Peacekeeper, Army COE, and Air Force Projects for the Period Ending December 31, 1986 . . . . .	8
2	Fourth Quarter, 1986: Subcontractor Information for the Period Ending December 31, 1986 . . . . .	10
3	Peacekeeper Deployment/Construction Workforce Breakdown by Type and Data Source for Fourth Quarter, 1986 . . . . .	13
4	Comparison of Projected and Actual Full-Time Equivalents (FTE) . . . . .	14
5	Summary Characteristics from the Employee Surveys by Category at the End of Fourth Quarter, 1986 . . . . .	16
6	Current Manpower and Manpower Estimates for the Next Three Quarters . . . . .	18
7	Quarterly Employment, Unemployment, and Total Labor Force in Laramie County . . . . .	21
8	Monthly Employment, Unemployment, and Total Labor Force in Laramie County for 1986 . . . . .	22
9	Laramie County Sales and Use Tax Receipts, Impact Assistance Payments, and Distributions to Local Units of Government by Quarters (\$1,000) . . . . .	27
10	Comparison of Actual and Projected Receipts of Sales and Use Taxes and Impact Assistance Payments for Laramie County and Cheyenne (\$1,000) . . . . .	29
11	Housing Availability Indicators . . . . .	31
12	Summary of Governmental Functions in Laramie County and Cheyenne . . . . .	37
13	Laramie County Sheriff's Department, Cheyenne Police Department, and Combined Calls for Service by Type and Year . . . . .	38
14	Summary of Health Care Services in Laramie County and Cheyenne . . . . .	39
15	Summary of Human Services in Laramie County and Cheyenne . . . . .	40



## LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
1	Peacekeeper Project Organizational Chart . . . . .	2
2	General Construction Schedule for Peacekeeper Deployment [1985] . . . . .	7

## EXECUTIVE SUMMARY

The Peacekeeper Monitoring Program is designed to provide the U.S. Air Force and affected local units of government with timely information concerning the implications associated with the construction and operation of the Peacekeeper Project. Data for 345 variables for 10 units of government are gathered on a monthly basis. These variables are tracked in order to verify, validate, or change the analytical methods, assumptions, multipliers, and conclusions found in the Peacekeeper in Minuteman Silos: Final Environmental Impact Statement (FEIS), Volume I and II (January, 1984), and possibly alter the need for specific mitigation measures. During 1985, the Peacekeeper Working Group decided to simplify the monitoring reports when the U.S. Congress modified the program to only deploy only 50 missiles in Wyoming.

### Peacekeeper Activities

The Peacekeeper Project includes individuals working for the Army Corps of Engineers (COE), Federal Highway Administration (FHWA), Site Activation Task Force (SATAF), Contract Management Division (CMD), and Detachment 60. Deployment activities also included 18 prime contractors working on 24 projects and over 60 subcontractors, about half of which have home offices in Wyoming.

The 1986 net annual average number of direct employees associated with Peacekeeper deployment and operations activities was 1,053 in full-time equivalents (FTE) and 1,201 in terms of headcount. The actual number of FTE (1,053) experienced during 1986 was significantly less than the 1,593 FTE figure projected in the FEIS.

The Peacekeeper Monitoring Program employee survey has been completed by 1,585 workers to date. The survey results

indicated: 65 percent of the workers are married, 43 percent are in-migrants, 54 percent live in single-family dwelling units, an average family size of 2.93, a mean age of worker of 35.7, and a mean education of 13.1 years.

#### Local Economics

The average annual civilian employment, unemployment, and labor force increased from 1985 to 1986. The direct employment associated with the Peacekeeper Project (1,201 average headcount) amounted to 3.2 percent of the average civilian and military employment during 1986 ( $33,109 + 3,851 = 36,960$ ). Without the Peacekeeper Project, employment and labor force would have been lower and unemployment higher in Laramie County during 1986. The missile system did not cause significant socioeconomic impacts in Laramie County, but did provide needed jobs.

#### Public Finance

The monitoring program includes a review of the general budgets for Laramie County, the City of Cheyenne, and Laramie County School District No. 1. General fund revenues and expenditures increased for all three units of government from fiscal year 1985 to fiscal year 1986.

Impact assistance payments are due entirely to the construction of the Peacekeeper Project and continued voter approval of the optional 1% sales and use tax. Laramie County has received some \$358,000 and Cheyenne some \$965,000 in impact assistance since the start of construction of the project. Similar to employment, the impact assistance payments received are significantly less than what was originally projected.

## Housing Indicators

Overall, preliminary permitting activities remained unchanged from 1985 to 1986. The decline in permitting activities in Cheyenne were offset by the increases in Laramie County.

The number of housing units for sale decreased by 9.2 percent during the last year. The quarterly average number of units was 774.8 in 1985 and 703.4 in 1986. The average for the total number of weekly vacancies advertised in local papers decreased from 154.7 in 1985, to 120.9 in 1986. Also, the vacancy rate for sampled apartments decreased sharply from 4.1 percent in 1985 to 1.6 percent in 1986.

## Public Services

The Peacekeeper Monitoring Program maintains a record of the changes experienced in different government functions, health care services, and human services in Cheyenne and Laramie County. Most of the agencies in the Monitoring Program had increases in activities during 1986. It is not know how much of these increases are directly due to the Peacekeeper Project. Generally speaking, the amount of increase is not significant enough to warrant the additional research which would be required to determine the Peacekeeper Projects share of the increase.

## CHAPTER 1

### PEACEKEEPER ACTIVITIES

#### 1986 Summary

The direct employment associated with the Peacekeeper Program includes two major groups, deployment and operations personnel (Please see Figure 1). The deployment group consists of three subgroups: planning and design, construction workers, and assembly and checkout (A&CO) workers. Planning and design is further broken down by three types of workers: federal civilian, federal military, and other nonconstruction contractors. These three types make up the personnel for the Army Corps of Engineers (COE), Federal Highway Administration (FHWA), Site Activation Task Force (SATAF), Contract Management Division (CMD), and Detachment 60. The personnel in these offices essentially administer and oversee the various construction contracts as distinguished from the assembly and checkout contract. All of the construction and assembly and checkout workers are civilians and are employed by various contractors.

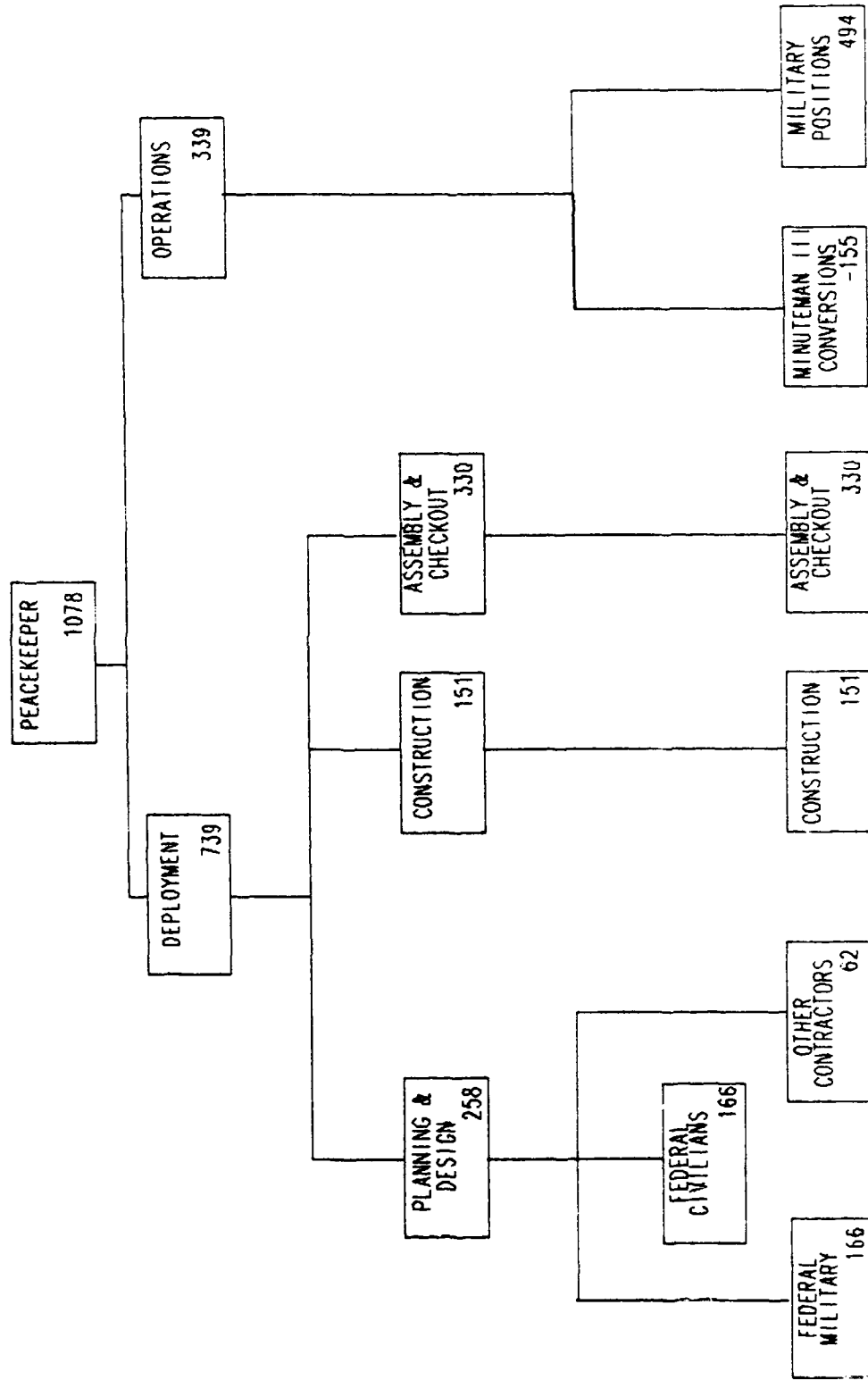
All of the operations personnel are military positions stationed at Francis E. Warren Air Force Base. The total number of Peacekeeper operations personnel includes new positions and some Minuteman III positions that were converted to the Peacekeeper Project.

#### Planning and Design

During 1986, personnel for planning and design activities increased. The number of Peacekeeper-related employees in design and planning activities included 166 federal civilian, 62 federal military, and 30 other nonconstruction contractor employees at the end of 1986. This total of 258 represented an increase of 66 from the 192 people working at the end of 1985.

SUMMARY OF FULL-TIME EQUIVALENT  
MANPOWER FOR FOURTH QUARTER 1986  
(with reference to workforce categories  
as used in Tables 3 and 4.)

FIGURE 1  
PEACEKEEPER PROJECT  
ORGANIZATIONAL CHART



The Army Corps of Engineers (COE) administered 14 construction projects for Peacekeeper buildings and facilities. Eleven of these projects were begun prior to 1986, of which 6 were completed during 1986. The completed projects included:

- (1) The ADAL (Add or Alter) shops buildings contract (DeLozier Construction Company of Fort Collins, CO);
- (2) The Contractor Support Area shops building (Groathouse Construction Company of Laramie, WY);
- (3) The Stage Storage Facilities (Groathouse Construction Company of Laramie, WY);
- (4) The First Phase of Launch Facility Topside Modifications (Hardrives of Maple Grove, MN);
- (5) The Canister Processing Facility (Intermountain Construction of Idaho Falls, ID);
- (6) The Equipment Maintenance Shops Facility (Intermountain of Idaho Falls, ID).

In addition, three projects were begun in 1986 and continued into early 1987: the Second Phase of Launch Facility Topside Modification (Consolidated Construction of Cheyenne, WY); the Stage Storage Area Environmental Enclosures (Intermountain Construction of Idaho Falls, ID); and the Building 340 Modification (Cortez Construction of Pueblo, CO). The total value of construction and design contracts awarded to date is approximately \$79.0 million (excludes \$123.0 million A&CO contract), of which \$26.8 million or 34 percent had been awarded to Wyoming prime contractors. In addition, 49 percent of subcontractor firms working on the project were from Wyoming in 1986. The number of construction workers indicated by the contractor surveys on contracts administered by the COE peaked at 887 during the fourth quarter of 1985 and has been decreasing steadily since. This decrease has been partially offset by the growth of the A&CO effort.

The Federal Highway Administration administered nine contracts for Defense Access Roads during 1986. Three of these had been underway prior to 1986 and were finished during 1986. Of the six contracts awarded during 1986, four were completed during the fourth quarter; the remaining two will be complete in 1987.

#### Assembly and Checkout

The Assembly and Checkout effort, under contract to Boeing Aerospace Company since February of 1985, experienced significant growth during 1986. At the end of 1986, Boeing and its subcontractors, Owl Constructors and Westinghouse Electric, employed an average of 330 people (measured in Full-Time Equivalents, or FTE), as compared to 133 at the end of 1985. The number of A&CO workers is expected to have peaked at the end of 1986, and to decline slowly over the next two years.

#### Operations

Peacekeeper-related growth was also experienced by the 90th Strategic Missile Wing, the unit of the Strategic Air Command which controls Francis E. Warren Air Force Base and is responsible for the operation of the Peacekeeper Program. The number of operations personnel at F.E. Warren AFB increased from 170 to 494 between the end of 1985 and the end of 1986. However, many of these workers had already been stationed at the base in support of the Minuteman III. The net number of new operations workers was 50 at the end of 1985; this had increased to 339 by the end of 1986. In other words, of the 494 operations workers at F.E. Warren AFB at the end of 1986, 339 were new arrivals, and 50 of those 339 had already been on base at the end of 1985. The number of operations personnel is expected to remain constant after 1986.



#### Fourth Quarter 1986

The following COE contractors were working on construction for the Peacekeeper Project during the fourth quarter of 1986:

- (1) Blinderman Construction had one contract to build the Peacekeeper Launch Trainer Facility and Trainer and Instruction Facility;
- (2) Intermountain Construction had three contracts, one for the Canister Processing Facility and the Missile Stage Processing Facility, one for the Equipment Maintenance Shop, and one to provide environmental enclosures for the Stage Storage Area;
- (3) Spiegelberg Construction had a contract to build four new buildings and to modify two existing buildings in the Weapons Storage Area;
- (4) Vrooman Construction continued construction on the Integrated Support Complex which will provide direct warehouse and administrative support for the Peacekeeper Project;
- (5) Consolidated Construction Company had two contracts, one to improve and extend utilities and roads between the south and north side of the base, and one for off-base work on the Launch Facility (LF) site work and road work;
- (6) Cortez Construction had one contract to modify an existing base facility for Peacekeeper; and
- (7) Tyger Construction continued construction of the Assembly, Surveillance and Inspection Facility.

During the fourth quarter of 1986, six Federal Highway Administration (FHWA) projects in support of the Defense Access Roads (DAR) were active: Consolidated Construction Company, Nenter Sand & Gravel Incorporated, J.L. Healy Construction Company, Emulsified Asphalt Company, Gilpatrick Construction, and Sterling Paving.

The total number of FTE construction employees decreased from 265 during third quarter of 1986, to 151 in the fourth quarter of 1986. This reflects the completion of many of the projects. The on-base construction manpower requirements will

continue to decline as the on-base projects are completed, and will not be totally offset by the DAR construction employment. The schedule for deployment is displayed in Figure 2.

The monthly average number of people working on the Assembly and Checkout (A&CO) contract awarded to Boeing Aerospace Company was 330 (FTE) during the fourth quarter of 1986. This number included employees from Owl Constructors, the General Installation Subcontractor (GIS), and Westinghouse Electric Company. The 330 employees compare to a third quarter 1986 figure of 329 FTE employees. The A&CO personnel numbers are expected to decline after this quarter.

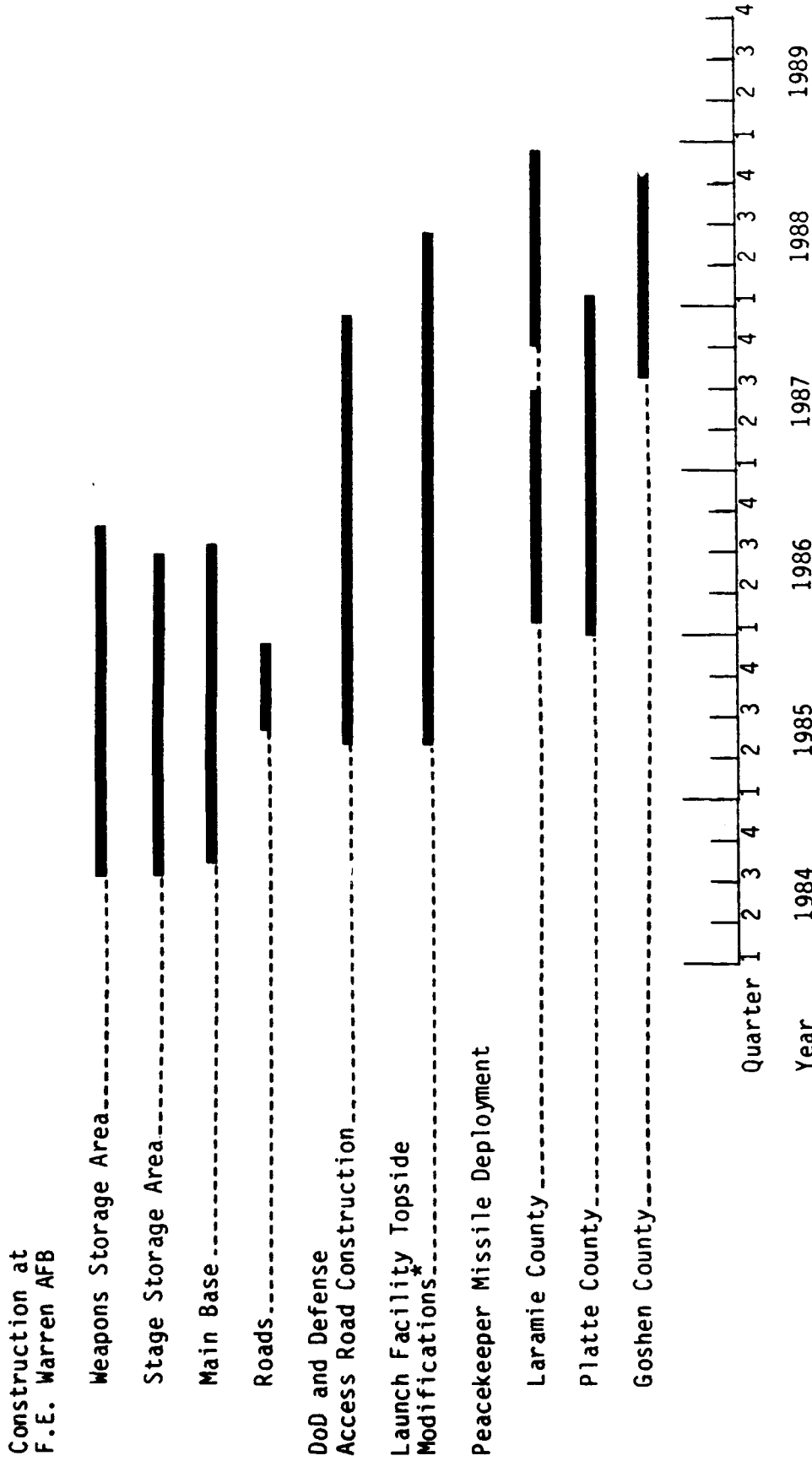
Personnel for operations numbered 494 during the fourth quarter of 1986. These are permanent military positions that are estimated to include 339 new Peacekeeper positions and 155 Minuteman positions reassigned or converted to the Peacekeeper Program.

Table 1 provides the Peacekeeper Construction project names, prime contractors, award amounts, percent completed, home office location, and monthly average number of FTE workers. During the fourth quarter, 12 prime contractors were working on 16 active construction projects (excluding the A&CO contract). Of the 12, 5 prime contractors with 33 percent of the total award amount are from Wyoming. The monthly average number of full-time-equivalent (FTE) construction and A&CO workers was 481. The headcount, as indicated on the Fourth Quarter Contractor Surveys, was 524. Both numbers include workers of subcontractors. The difference between FTE and headcount is usually accounted for by short-term and multiple job holders. Both statistics are used for different applications in subsequent analyses.

Table 2 provides the subcontractor names and home office locations. During the fourth quarter of 1986, 38 different subcontractors were active on 47 projects. Of the 38

FIGURE 2

GENERAL CONSTRUCTION SCHEDULE FOR PEACEKEEPER DEPLOYMENT



\*Topside Mods will generally occur at a silo one year prior to missile replacement.

Table 1 Fourth Quarter, 1986: Peacekeeper, Army COE, and Air Force  
Projects for the Period Ending December 31, 1986

Project Name	Prime Contractor	Award Amount (MM)	Percent Finished	Home Office Location	Monthly Avg FTE Workers
Trainer and Instruction Facility	Blinderman Constr. Co.	\$4.9	99%	Northbrook, IL	0.79
Wing V Assembly & Checkout	Boeing Aerospace Company	\$123.0	55%	Seattle, WA	330.00
Roads & Utilities Phase II	Consolidated Constr. Co.	\$5.5	99%	Cheyenne, WY	0.05
Road Improvements (Project 12)	Consolidated Constr. Co.	\$1.1	98%	Cheyenne, WY	21.00
Launch Facility Site Work & Road Work (Ph 2)	Consolidated Constr. Co.	\$5.0	98%	Cheyenne, WY	30.71
Alter Bldg 340	Cortez Constr. Co.	\$0.1	99%	Pueblo, CO	0.57
Road Improvements (Project 9)	Emulsified Asphalt	\$2.2	98%	Casper, WY	NA
Road Improvements (Project 11)	Gilpatrick Constr. Co.	\$1.5	98%	Riverton, WY	22.00
Road Improvements (Project 10)	J. L. Healy Constr. Co.	\$2.5	60%	Sioux Falls, SD	40.00
Environmental Enclosures	Intermountain Constr. Co.	\$0.2	99%	Idaho Falls, ID	3.04

Continued

Table 1 Continued

Project Name	Prime Contractor	Award Amount (MM)	Percent Finished	Home Office Location	Monthly Avg FTE Workers
Processing Facility	Intermountain Constr. Co.	\$5.3	99%	Idaho Falls, ID	0.08
Equipment Maintenance	Intermountain Constr. Co.	\$5.4	99%	Idaho Falls, ID	0.03
Road Improvements (Project 14)	Menter Sand & Gravel Inc.	\$1.2	5%	Douglas, WY	1.00
Weapons Storage Area	Spiegelberg Constr. Co.	\$3.0	99%	Laramie, WY	0.23
Road Improvements (Project 8)	Sterling Paving	\$2.3	98%	Fort Collins, CO	27.00
RS AS&I Facility	Tyger Constr. Co.	\$9.5	99%	Spartanburg, SC	3.47
Integrated Support Complex	Vrooman Constr. Co.	\$9.5	99%	Colorado Springs, CO	1.17

Note: The average total of monthly FTE construction workers was 481.14 and includes workers of subcontractors. Excluding the A&CO workers, there were 151.14 FTE construction workers. The total award amount was \$182.2 million of which \$123.0 million was for the A&CO contract.

Source: Army Corps of Engineers (COE) Office and SATAF Office.

Table 2 Fourth Quarter 1986: Subcontractor Information for  
the Period Ending December 31, 1986

Prime Contractor	Subcontractor	Home Office Location
Blinderman Construction, Inc.	Honeywell Kinning & Reil of WY	Minneapolis, MN Cheyenne, WY
Boeing Aerospace Co.	Owl Constructors Westinghouse Elec. Co.	Arcadia, CA Sunnyvale, CA
Consolidated Construction	Amtec Chalk Buttes Landscpg Cook-McCann Concrete Colorado Concert Sawng Cova And Associates ICG Electric Lee Ray Eden Constr Menter Sand & Gravel Northern Eng & Test Plains Oil Assoc RC Steel Rock Creek Const Rocky Mtn Enterprises Rustco Sterling Paving Willmar Electrical	Aurora, CO Douglas, WY Cheyenne, WY Ft Collins, CO Douglas, WY Colorado Sprgs, CO Harrisburg, NE Douglas, WY Boise, ID Laramie, WY Cheyenne, WY Rock River, WY Casper, WY Ft Collins, CO Ft Collins, CO Willmar, MN
Cortez Const Co.	Honeywell L&L Insulation Mechanical Systems Simpson Electric	Minneapolis, MN Rapid City, SD Cheyenne, WY Cheyenne, WY
Emulsified Asphalt	-----	-----
Gilpatrick Constr. Co.	Conroy Inc One Way Sign Range Inventory & Test Terra Constr.	Hardin, MT Billings, MT Laramie, WY Casper, WY
J. L. Healy Construction Co.	Conroy Inc Koss Constr Mark Rite Lines Perrett Const	Hardin, MT Des Moines, IA Billings, MT Valentine, NE
Continued	-----	-----

Table 2 Continued

Prime Contractor	Subcontractor	Home Office Location
Intermountain Constr. Co.		
Menter Sand & Gravel		
Spiegelberg Constr. Co.	Fitch Electric Small Times Constr	Cheyenne, WY Cheyenne, WY
Sterling Paving	Alco Fence Co. Inc. Cowboy Contr. Inc. JK Constructors One Way Sign	Cheyenne, WY Lovell, WY Cheyenne, WY Billings, MT
Tyger Const Co.	Fitch Electric Glenn Otto Inc	Cheyenne, WY Spartanburg, SC
Vrooman Constr. Co.	Commercial Electric Fire Engr Co. Honeywell Kinning & Reil of WY	Castle Rock, WY Salt Lake City, UT Minneapolis, MN Cheyenne, WY

Source: COE Office and SATAF Office

Note: Although there were 47 different subcontractor projects, only 44 are listed here. This is due to three Consolidated Construction subcontractors (Cova, Northern and Rock Creek) who each worked on two different projects.

subcontractors, 20 subcontractors with 24 contracts were from Wyoming.

Table 3 provides the total number of deployment/ construction workers for the Assembly and Checkout (A&CO), construction, federal civilian, federal military, and nonconstruction contractors from three data sources: employee surveys, payroll reports, and contractor surveys. The three sources of workforce numbers are comparable. There were a number of part-time construction workers as evidenced by the smaller FTE numbers (151) versus the headcount numbers from the contractor surveys (211). In addition, several construction projects were substantially completed this quarter and the FTE (151) and the employee survey count (370) were different because some employee surveys are not removed from the database until the contract is completed. Also, contractors usually keep only a few people on the payroll in the last phases of work. All A&CO, federal civilian, federal military, and nonconstruction contractor employees are full-time employees and their FTE approximates their headcount number.

Table 4 displays the projected and actual full-time equivalents. The sources for these data include: the "Jurisdictional Environmental Planning Technical Report" (JEPTR, same as FEIS), the Manpower Projection Matrix (completed by each prime contractor), the Contractor Surveys, payroll reports, the Strategic Air Command Management Engineering Team (SACMET), the Site Activation Task Force (SATAF) office, and the Army Corps of Engineers (COE) office. The JEPTR numbers do not reflect the updated projections of Boeing Aerospace Company which was chosen for the A&CO contract and which provided new projections for the 50 missile scenario in the third quarter of 1985. The revised projections are from Table 6. The actual construction FTE figures are from Table 3. Table 4 also includes two figures for operations personnel. The first includes all of the military



Table 3 Peacekeeper Deployment/Construction Workforce by Type and Data Source for Fourth Quarter, 1986

Data Source	Assembly Checkout (A&CO)	Const Wkrs	Plan & Design Fed Civ Fed Mil Other Contr	Total
No. Respondents				
Employee Survey (a)	310	370	154 62 20	916
Actual Average				
Monthly FTE				
(Payroll Records) (b)	330	151	166 62 30	739
No. Employees				
Indicated on				
Contractor Surveys (c)	313	211	166 62 30	782

(a) The number of respondents from the Employee Surveys reflect the people who completed the survey and worked during the Fourth Quarter 1986 on the Peacekeeper Project. Short-term or part time construction employees likely did not complete a survey. There is a lag time between completion of a project and the purging of Employee Surveys from the system. This explains the higher number of construction worker employee surveys over the headcount.

(b) The construction workers FTE differed by a factor of 1.40 this quarter from the headcount, suggesting some short term and part-time construction employment. The construction FTE was calculated by dividing the total manhours per month by 160 hours.

(c) The number of employees indicated on the contractor surveys are the total number of construction workers (headcount) who worked on the Peacekeeper construction. It is assumed the number of federal military and civilian, A&CO, and other nonconstruction contractors is the same as the headcount, which, in these cases, approximates the FTE.

Note: Construction workforce includes workers for construction firms, A&CO, and federal military and civilian agencies, but excludes operations. In addition to federal military (SATAF), the Project has 494 operations personnel. Of these, 339 are new non-SATAF positions and 155 were Minuteman positions converted to Peacekeeper. The total FTE directly associated with the Peacekeeper Project is 1,233, of which 1,078 are new positions.

Source: Fourth Quarter, 1986: Employee Surveys, Contractor Surveys, Payroll Records, and SATAF.

Table 4 Comparison of Projected and Actual Full-Time  
Equivalents (FTE)

			--- Actual Peacekeeper FTE Workforce			
Time Period	FTE Projections		Deploy/Construct	All Operating	Converted Minuteman	Net New FTE
	JEPTR	Revised				
1 Q 84	40		42	0	0	42
2 Q 84	135		58	0	0	58
3 Q 84	200		356	0	0	356
4 Q 84	195		222	6	0	228
84 Avg	143		170	2	0	171
1 Q 85	540	109	146	6	0	152
2 Q 85	1,550	189	177	6	0	183
3 Q 85	1,815	415	457	6	0	463
4 Q 85	980	525	903	170	120	953
85 Avg	1,221	310	421	47	30	438
1 Q 86	1,225	757	913	170	120	963
2 Q 86	1,790	758	937	170	120	987
3 Q 86	1,780	1,120	852	486	155	1,183
4 Q 86	1,575	978	739	494	155	1,078
86 Avg	1,593	903	860	330	138	1,053
1 Q 87	1,525	918				
2 Q 87	1,670	922				
3 Q 87	1,575	887				

Note: Revised FTE projections are taken from Table 6. The Total New Peacekeeper FTE equals All Construction FTE (Table 3) plus All Operating FTE, minus Minuteman positions converted to the Peacekeeper Project.

Source: JEPTR, Manpower Projection Matrix, Payroll Reports, SACMET Office, SATAF Office, COE Office.

operations personnel associated with the Peacekeeper Project. The second figure consists of the Minuteman positions that were converted to Peacekeeper operations positions. The last column reflects the actual total number of new FTE directly associated with the Peacekeeper Project in Laramie County. It is equal to construction FTE plus operations FTE, minus the converted Minuteman operations positions.

Appendix A provides detailed analyses of employee surveys including frequencies, means, cross tabulations, and bar charts for the fourth quarter workers, fourth quarter in-migrant workers, all workers, all in-migrant workers, and relocated workers who remained. Table 5 summarizes some of the basic findings by different categories.

The five categories included in Table 5 and Appendix A are the following: Fourth Quarter Workers, Fourth Quarter In-Migrant Workers, All Workers, All In-Migrant Workers, and Relocated Workers Who Remained. The 1986 Fourth Quarter Workers are those people who worked during the fourth quarter on the Peacekeeper Project, regardless of when they were hired. The All Workers category includes everyone who worked on the Peacekeeper Project since the beginning of the Project through the fourth quarter of 1986. The 669 people difference between All Workers and Fourth Quarter workers may be interpreted as 669 persons who have since terminated their positions (e.g. construction workers from Groathouse Construction Company) and were not replaced. It must be noted that this number does not imply that the remaining workers are the same as those hired initially. The Fourth Quarter In-Migrant Workers are the same as the Fourth Quarter workers, except the category only includes those people who moved to the Cheyenne area as a result of their Peacekeeper positions. Similarly, the All In-Migrant Workers category includes the Fourth Quarter In-Migrants plus those in-migrants who are still working, and in-migrants who are no longer working on the

Table 5 Summary Characteristics from the Employee Surveys by Category at the End of Fourth Quarter 1986.

Item	Fourth Qtr Worker	Fourth Qtr In- Migrant	All Workers	All In- Migrant	Relocated Workers Who Remained
Number of Workers	916	479	1,585	687	501
Percent Construction	40%	25%	63%	44%	28%
Percent In-Migrants	52%	--	43%	--	-
Number Unaccompanied (excluding singles)	118	107	209	187	115
Percent Married	69%	71%	65%	68%	70%
Percent Permanent Residents	55%	33%	54%	27%	37%
Percent Currently Living in Single Family Dwelling	56%	50%	54%	47%	49%
Percent Currently Renting Housing	47%	56%	45%	55%	56%
Avg Family Size	2.96	2.84	2.93	2.88	2.85
Mean Age of Worker	37.52	38.60	35.73	37.56	38.95
Worker's Mean Educ.	13.48	13.87	13.13	13.50	13.83
Number of New Elementary Students	92	92	133	133	97
Number of New Junior High Students	52	52	80	80	55
Number of New Senior High Students	66	66	97	97	70
Total New Students	210	210	310	310	222

Note: Percentages are adjusted to account for missing values.

Source: Employee Surveys - Appendix A has detailed analyses.

Peacekeeper Project. The Relocated Workers Who Remained category includes in-migrants who are still working and in-migrants who no longer work on the Peacekeeper Project, but who indicated Cheyenne as their permanent residence.

Appendix B gives the results of the Fourth Quarter Contractor Surveys. Ten of the 13 prime contractors and 32 of the 38 subcontractors did return a contractor survey for the quarter ending December 31, 1986. Of the responding contractors, two are union contractors, 32 are nonunion, and 4 are both union and nonunion. Of the 19 firms who indicated that they provided some employee benefits, 19 provide benefits for hospital services, 16 provide benefits for life insurance, 10 provide benefits for psychiatric services, and 9 provide benefits for alcoholism treatment.

The average hourly wage for the construction and A&CO workers was \$13.41. Excluding operations personnel, the actual number of workers was 524 as of December 31. Because the majority of the on-base Peacekeeper construction was completed by the end of this quarter, the construction manpower is expected to decrease dramatically. However, the construction manpower reduction is expected to be somewhat offset by the A&CO and DAR manpower.

Table 6 summarizes the headcount projections taken from Appendix B. The construction and A&CO headcount projections for the first three quarters of 1987 are presented and converted to projections of FTE. Construction and A&CO FTE projections are combined with federal employee FTE to obtain total construction FTE projections. The projected operations workforce, in terms of total and converted Minuteman positions, are also presented. These figures are also used in Table 4.

Table 6 Current Manpower and Manpower Estimates for the  
Next Three Quarters

Projections	4 Q 86	1 Q 87	2 Q 87	3 Q 87
Construction and A&CO Headcount	524	339	351	304
Construction and A&CO FTE	481	321	325	290
Federal Civilian, Military, and Other Contractor FTE	258	258	258	258
Deployment/ Construction FTE Subtotal	739	579	583	548
Peacekeeper Operations FTE	494	494	494	494
Total Peacekeeper FTE	1,233	1,073	1,077	1,042
FTE Minuteman Positions Converted to Peacekeeper	155	155	155	155
Total New Peacekeeper FTE	1,078	918	922	887

Source: SATAF, Contractor Surveys Fourth Quarter 1986, Manpower  
Projection Matrices.

Note: Construction FTE projections are calculated by  
multiplying the headcount by a historical factor. In  
addition to federal military (SATAF), the Project has  
494 operations personnel. Of these, about 339 are new  
non-SATAF positions and 155 were Minuteman positions  
converted to Peacekeeper.

The estimated value of major project materials purchased by contractors was over \$700,000 during the fourth quarter. Peacekeeper Project-related sales and use taxes paid to Wyoming during the fourth quarter were over \$58,000, with an additional \$21,000 paid for out-of-state road vehicle taxes. There appears to be a lag time between material procurements and the payment of sales and use taxes. These figures do not include the sales or use taxes paid by the individuals or families associated with the Peacekeeper Project.

## Chapter 2

### Local Economics

#### Laramie County Employment

Table 7 presents civilian employment, unemployment, unemployment rate, civilian labor force, military employment, total labor force, and the construction and operations employment associated with the Peacekeeper Project. Direct Peacekeeper employment is in terms of net new full-time equivalents and total headcount. The first four items are obtained from the Wyoming Employment Security Commission (ESC) and are subject to revisions. Table 8 provides monthly employment data for 1986.

The annual average civilian labor force in Laramie County was 35,308 in 1986, an increase of 3.8 percent from the 1985 figure of 34,951. Average annual employment was 33,109 in 1986, an increase of 3.8 percent from the 1985 figure of 31,900. Average annual unemployment was 2,200 in 1986, an increase of 4.0 percent from the 1985 figure of 2,116. The unemployment rate averaged 6.2 percent in 1985 and 1986.



Table 7 Quarterly Employment, Unemployment, and Total Labor Force in Laramie County

Period	4Q 84	1984 Annual Avg	1985 Annual Avg	1Q 86	2Q 86	3Q 86	4Q 86	1986 Annual Avg
Total								
Employment	33,214	33,259	31,900	31,390	33,251	34,351	33,442	33,109
Unemployment	1,773	1,805	2,116	2,506	1,963	1,904	2,426	2,200
Unemployment Rate (%)	5.1	5.1	6.2	7.4	5.6	5.3	6.8	6.2
Civilian								
Labor Force	34,987	35,063	34,016	33,896	35,214	36,255	35,868	35,308
Military								
Employment	3,643	3,643	3,646	3,696	3,696	3,950	4,062	3,851
Total								
Labor Force	38,630	38,706	37,662	37,592	38,910	40,205	39,930	39,159
Peacekeeper Employment								
Direct (FTE)	228	171	438	963	987	1,183	1,078	1,053
Headcount	NA	NA	708	1,301	1,276	1,381	1,121	1,270

Sources: Chapter 1, SATAF Office (military employment), and Employment Security Commission figures.

Note: The Employment Security Commission collects civilian employment data on a monthly basis from firms that are covered by their act. This monthly data is usually revised the next month, at the end of the year, and one year later. The figures for 1984 and 1985 are final revisions (3/86 & 3/87). The 1986 figures were revised in February of 1987, and will be revised again in March of 1988. Peacekeeper FTE and Headcount employment figures exclude converted Minuteman positions.

Table 8 Monthly Employment, Unemployment, and Total Labor Force in Laramie County for 1986

	Month	Jan	Feb	Mar	Apr	May	Jun	
<hr/>								
Total								
Employment	31,071	31,278	31,822	32,531	33,219	34,004		
Unemployment	2,612	2,522	2,383	2,218	1,762	1,909		
Unemployment Rate (%)	7.8	7.5	7.0	6.4	5.0	5.3		
Civilian								
Labor Force	33,683	33,800	34,205	34,749	34,981	35,913		
Military								
Employment	3,696	3,696	3,696	3,696	3,696	3,696		
Total								
Labor Force	37,379	37,496	37,901	38,445	38,677	39,609		
Peacekeeper Employment								
Direct (FTE)	1,022	971	895	987	987	987		
<hr/>								
	Month	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<hr/>								
Total								
Employment	34,883	34,468	33,701	33,558	33,748	33,020		33,109
Unemployment	1,813	1,822	2,077	2,259	2,479	2,540		2,200
Unemployment Rate (%)	4.9	5.0	5.8	6.3	6.8	7.1		6.2
Civilian								
Labor Force	36,696	36,290	35,778	35,817	36,227	35,560		35,308
Military								
Employment	3,990	4,037	3,823	4,046	4,048	4,091		3,851
Total								
Labor Force	40,686	40,327	39,601	39,863	40,275	39,651		39,159
Peacekeeper Employment								
Direct (FTE)	1,183	1,183	1,183	1,078	1,078	1,078		1,053
<hr/>								

Source: Employment Security Commission and Chapter 1.

## Peacekeeper Employment

Net new Peacekeeper employment averaged 1,053 FTE workers in 1986, as compared to 438 in 1985. The increase in FTE employment in 1986 was 140.0 percent over 1985. From the fourth quarter of 1985 to the fourth quarter of 1986, direct Peacekeeper employment increased 125. From the third quarter of 1986 to the fourth quarter of 1986, Peacekeeper employment decreased from 1,183 to 1,078, a decline of 105 FTE workers or 8.9 percent.

Out of the 1,585 individuals that have filled out surveys to date, 687 or 43.3 percent were in-migrant (See Table 5).

Table 7 indicates that the Peacekeeper Project had an average of 1,053 FTE employees and a headcount of 1,270 during 1986. Comparing the headcount figure (1,270) with total civilian and military employment ( $33,109 + 3,851 = 36,960$ ), the net direct employees associated with the project were 3.4 percent of total employment during 1986. In 1985, this percentage was 2.0 percent. Without the Peacekeeper Project, employment and labor force would be lower and unemployment higher in Laramie County during 1986. The Peacekeeper Project did not cause significant impacts on Laramie County, but did provide needed jobs.

## Chapter 3

### Public Finance

The Peacekeeper Monitoring Program incorporates a number of fiscal indicators for local units of government. General fund revenues and expenditures provide summaries of the local condition, without going into great detail about complicated changes in different funds. Sales and use tax revenues are reviewed because they quickly respond to major changes in the local economy and population. Impact assistance payments (a function of 3% sales and use tax receipts) are included because they are a new revenue source accompanying the construction of the Peacekeeper Project.

#### General Funds

##### Laramie County Government

Total revenues for Laramie County were \$10,458,077 in fiscal year 1984, \$12,054,734 in fiscal year 1985 and \$12,687,985 in fiscal year 1986. General fund revenues increased 5.3 percent in fiscal year 1986. Total expenditures were \$9,554,195 in fiscal year 1984, \$11,598,283 in 1985, and \$11,903,879 in 1986. Expenditures increased 2.6 percent in fiscal year 1986. Revenues in 1986 exceeded expenditures by \$784,106.

Actual fiscal 1986 revenues exceeded estimated revenues (\$10,588,851) by \$2,099,134. Actual expenditures were \$1,565,615 less than estimated expenditures of \$13,469,494 in fiscal year 1986.

##### City of Cheyenne

Total general fund revenues for the City of Cheyenne were \$22,409,080 in fiscal year 1984, \$19,301,999 in 1985, and \$20,168,475 in 1986. Revenues increased \$866,476 or 4.5 percent

from fiscal year 1985 to 1986. General fund expenditures were \$18,371,575 in fiscal year 1984, \$19,299,805 in 1985, and \$20,217,725 in 1986. Expenditures increased \$917,920 or 4.5 percent from fiscal year 1985 to 1986. Expenditures exceeded revenues by \$49,250 or 0.2 percent in fiscal year 1986.

The City of Cheyenne has budgeted \$18,674,133 for revenues and expenditures for fiscal year 1987. General fund revenues are budgeted to decrease \$1,494,342 (7.4%) from fiscal year 1986 levels, while general fund expenditures are expected to decrease \$1,543,592 or 7.6 percent. The City of Cheyenne will not have an unappropriated fund balance to cover unexpected expenditures in fiscal year 1987. If revenues fall below projections, expenditures will have to be reduced appropriately.

#### Laramie County School District No. 1

Total general fund revenues for Laramie County School District No. 1 were \$53,342,525 in fiscal year 1984, \$54,285,153 in 1985, and \$54,838,604 in 1986. This amounts to an increase of \$553,451 or 1.6 percent during the last fiscal year. General fund expenditures were \$51,997,096 in fiscal year 1984, \$52,074,220 in 1985, and \$61,136,000 in 1986. This amounts to an increase of \$9,061,780 or 17.4 percent during the last fiscal year.

The School District has budgeted \$63,556,555 for revenues and \$63,556,555 for expenditures for fiscal year 1987. General fund revenues are budgeted to increase \$8,717,951 or 15.9 percent from fiscal year 1986 levels, while general fund expenditures are expected to increase \$2,420,555 or 4.0 percent. A carryover of \$10,189,570 is expected for fiscal year 1987.

## Sales and Use Taxes

Table 9 presents Laramie County sales and use tax receipts, impact assistance payments, and distributions to local units of government for the last three fiscal years and recent quarters. Total sales and use tax receipts increased 7.9 percent or \$834,000 from fiscal year 1984 to fiscal year 1985. From fiscal year 1985 to fiscal year 1986, total sales and use tax receipts increased 4.3 percent or \$488,000. All subcategories of taxes increased during the last fiscal year.

Since the fourth quarter of 1985 (D to I in Table 9), 3 percent sales tax receipts have decreased 5.0 percent or \$72,000, 1 percent sales tax receipts have decreased 5.3 percent (\$76,000), 3 percent use tax receipts have increased 1.1 percent, 1 percent use tax receipts have decreased 7.0 percent, and out-of-state use tax receipts have decreased 47.8 percent. Overall, total receipts have decreased 6.0 percent.

Table 9 also illustrates the percentage changes from the third to fourth quarter of 1986. Except for out-of-state use tax, all categories increased. Overall, total sales and use tax receipts increased 5.5 percent during the last quarter.

## Impact Assistance Payments

Impact assistance payments are due entirely to the construction of the Peacekeeper Project. Laramie County and its municipalities would not qualify for impact assistance payments without the Peacekeeper Project and voter approval of the 1 percent optional sales and use tax.

Impact assistance payments for Laramie County started in July of 1984, or the first month of fiscal year 1985. Impact assistance payments amounted to \$483,000 during fiscal year 1985

Table 9 Laramie County Sales and Use Tax Receipts, Impact Assistance Payments, and Distributions to Local Units of Government by Quarters (\$1,000)

Calendar Quarter	A		B		C		D		E		F		G		H		I		- Percent Change		
	FY 84 Total	FY 85 Total	3Q 85	4Q 85	1Q 86	2Q 86	FY 86 Total	3Q 86	4Q 86	A-B	D-I	H-I									
3% Sales Tax	4,766	5,075	1,228	1,440	1,379	1,193	5,240	1,304	1,368	6.49	-5.01	4.91									
1% Sales Tax	4,702	5,007	1,213	1,418	1,361	1,183	5,174	1,281	1,342	6.48	-5.30	4.78									
3% Use Tax	439	575	199	188	145	146	677	144	191	30.87	1.14	31.87									
1% Use Tax	436	564	154	166	143	132	596	139	155	29.28	-7.03	10.90									
Out of State	230	187	56	82	60	8	206	67	43	-18.87	-47.82	-35.55									
Sub-total	10,574	11,408	2,850	3,294	3,088	2,661	11,893	2,935	3,098	7.89	-5.95	5.55									
Imp.Ass.Pay.	NA	483	93	211	124	86	515	83	169	NA	-19.71	104.79									
Total	10,574	11,891	2,943	3,505	3,212	2,748	12,408	3,018	3,268	12.45	-6.78	8.27									
DISTRIBUTION*																					
County	28.98%	3,064	3,446	853	1,016	931	796	3,596	826	894	12.45	-11.99	8.27								
Chey.	68.87%	7,282	8,189	2,027	2,414	2,212	1,892	8,545	2,128	2,303	12.45	-4.59	8.27								
Albin	0.19%	20	23	6	7	6	5	24	6	6	12.45	-6.78	8.27								
Burns	0.39%	41	46	11	14	13	11	48	12	13	12.45	-6.78	8.27								
Pine B.	1.57%	166	187	46	55	50	43	195	47	51	12.45	-6.78	8.27								
Total		10,574	11,891	2,943	3,505	3,212	2,748	12,408	3,018	3,268	12.45	-6.78	8.27								

\*Percentages are calculated at the \$1.00, not the \$1,000 level. In July of 1986, the percentages changed for the County (27.36%) and Cheyenne (70.49%). Wyoming Department of Revenue & Taxation.

and \$515,000 during fiscal year 1986. These funds are being distributed in the same manner as sales and use tax receipts, or according to the last approved federal census. Annexations caused the percentage distributions to change for Laramie County (from 28.98 to 27.36%) and Cheyenne (from 68.87 to 70.49%) in July of 1986.

Impact assistance payments decreased \$42,000 or 19.7 percent from the fourth quarter of 1985 to the fourth quarter of 1986. During the last quarter (H to I in Table 9), payments increased \$86,000 or 104.8 percent.

Table 10 is a comparison of actual versus previously projected receipts of sales and use taxes and impact assistance payments for Laramie County and the City of Cheyenne. It now appears that the projections done by the Office of Economic Adjustment (May, 1984) were too optimistic, even without inflation. The sum of the last 14 quarters indicates that actual receipts were below projections by \$1,304,000 for Laramie County and \$2,621,000 for the City of Cheyenne. Laramie County and Cheyenne have not realized the amount of receipts anticipated in earlier documents. These old projections of revenues (May, 1984) cannot be considered reliable and should not be used for budgetary purposes.

The 1984 Session of the Wyoming Legislature provided counties with the ability to impose an optional sales tax for the express purpose of capital construction. Laramie County held a special election and the voters elected to impose this additional or fifth percent optional tax on February 4, 1986. This optional capital construction sales tax will continue until \$10.85 million is raised towards the construction of a new County Jail. The effective date of the tax was April 1, 1986, and Laramie County has received \$2,123,001 in sales taxes and \$221,392 in use taxes through the fourth quarter of 1986.



Table 10 Comparison of Actual and Projected Receipts of Sales and Use Taxes and Impact Assistance Payments for Laramie County and Cheyenne (\$1,000)

	Calendar Quarter	FY 84 Total	FY 85 Total	FY 86 Total	3Q 86	4Q 86	Sum of 14 Quarters
<b>ACTUAL</b>							
<b>Laramie County</b>							
All Sales & Use		3,064	3,306	3,447	803	848	11,468
Imp. Ass. Pay.		0	140	149	23	46	358
Total		3,064	3,446	3,596	826	894	11,826
<b>Cheyenne</b>							
All Sales & Use		7,282	7,857	8,191	2,069	2,184	27,583
Imp. Ass. Pay.		0	333	354	58	119	865
Total		7,282	8,189	8,545	2,128	2,303	28,448
<b>PROJECTED</b>							
<b>Laramie County</b>							
All Sales & Use		3,171	3,555	3,633	903	903	12,165
Imp. Ass. Pay.		123	315	354	86	86	965
Total		3,295	3,870	3,987	989	989	13,130
<b>Cheyenne</b>							
All Sales & Use		7,675	8,448	8,635	2,140	2,140	29,037
Imp. Ass. Pay.		270	657	750	178	178	2,032
Total		7,945	9,105	9,384	2,317	2,317	31,069
<b>ACTUAL - PROJECTED</b>							
<b>Laramie County</b>							
All Sales & Use		-107	-249	-186	-100	-56	-697
Imp. Ass. Pay.		-123	-175	-205	-63	-40	-606
Total		-230	-424	-391	-163	-95	-1304
<b>Cheyenne</b>							
All Sales & Use		-393	-592	-444	-70	44	-1454
Imp. Ass. Pay.		-270	-324	-395	-120	-58	-1167
Total		-663	-916	-839	-190	-14	-2621

Sources: Wyoming Department of Revenue and Taxation and Peacekeeper Ballistic Missile System--Fiscal Impact Analysis of Deployment in Wyoming and Nebraska, Office of Economic Adjustment of Office of the Assistant Secretary of Defense, Pages II-65 and II-137, May 1984.

Note: The projected numbers are average annual figures adjusted for quarters.

## Chapter 4

### Housing Availability Indicators

Table 11 encompasses various housing indicators for Cheyenne and Laramie County for calendar years 1984, 1985, and 1986. Figures for recent quarters are also provided. The summary data indicates that the housing market was active in 1986.

#### Cheyenne

##### Newly Platted Lots

The number of newly platted lots remained unchanged over the last 3 years. There were no new platted lots in 1984, 1985, or 1986.

##### Replatted Lots

The total number of replatted lots in Cheyenne decreased from 122 in 1985 to 4 in 1986. Since there were no replatted lots in the fourth quarter of 1986, the number decreased 27 from the fourth quarter of 1985 and 2 from the third quarter of 1986.

##### Single-Family Building Permits

The total number of single-family building permits increased from 60 in 1985 to 122 in 1986. Permitting did increase from the fourth quarter of 1985 (14) to the fourth quarter of 1986 (30), but decreased six since the last quarter.

##### Multi-Family Building Permits

Multi-family building permits averaged 2 in 1984, 18 in 1985, and 17.25 in 1986. Other than the first quarter of 1986 when multi-family permits were 60, this indicator decreased precipitously over the last three quarters of 1986 (1 in 2Q86, 3 in 3Q86, 5 in 4Q86). Total permits fell from 25 in the fourth quarter of 1985 to 5 in the fourth quarter of 1986.

Table 11 Housing Availability Indicators

	Quarter	4Q 84	1984 Q Avg	1985 Q Avg	1Q 86	2Q 86	3Q 86	4Q 86	1986 Q Avg
<b>CHEYENNE</b>									
Platted Lots		0	0	0	0	0	0	0	0
Replatted Lots		25	61.5	30.5	1	1	2	0	1.0
Single-Family Build. Permits		10	34.8	15.0	26	30	36	30	30.5
Multi-Family Build. Permits		6	2	18	60	1	3	5	17.3
M.H. Lots		0	16	0	0	0	0	0	0
<b>LARAMIE COUNTY</b>									
Platted Lots		16	22.5	0.5	0	0	0	0	0
Replatted Lots		2	1.5	3.3	0	1	0	0	0.3
Single-Family Build. Permits		11	18.5	23.3	19	53	40	19	32.8
Mobile Home Build. Permits		12	11	22	25	17	52	3	24.3
Septic Permits		18	36.5	30.0	30	50	34	32	36.5
<b>VACANCY INDICATORS</b>									
<b>UNITS FOR SALE</b>									
Residential		621.0	596.0	579.5	473.7	530.0	575.0	582.0	540.2
Rural Resid.		166.0	148.0	168.0	141.0	156.0	151.0	123.0	142.8
Mobile Home		NA	NA	27.3	25.3	24.0	17.4	15.0	20.4
<b>TRIBUNE/EAGLE NEWSPAPERS (Avg.wkly.Vac.)</b>									
Furnished Apts.		NA	NA	34.2	21.2	27.7	20.6	29.1	24.7
Unfurn. Apts.		NA	NA	61.1	49.0	46.2	38.7	69.1	50.8
Homes/Duplexes		NA	NA	45.3	41.6	27.4	21.8	45.5	34.1
Mobile Homes		NA	NA	14.1	10.7	8.9	9.3	16.1	11.3
<b>SAMPLED APT. (553) % Vacant*</b>									
		NA	NA	4.12	1.54	0.85	0.97	3.13	1.62

\* The Condo/Townhouse and Mobile Home units for sale are included in the 3Q 84 Residential and Rural Residential figures. Thereafter, Condo/Townhouse figures are not reported and Mobile Homes are listed separately. Sample sizes for 1Q 85 = 782, 2Q 85 = 482, 3Q 85 = 482, 4Q 85 = 670, 1Q 86 = 670, 2Q 86 = 637, 3Q 86 = 550, 4Q 86 = 553.

#### New Mobile Home Lots

Cheyenne had 64 new mobile home lots in 1984, but none in 1985 or 1986.

#### Laramie County

Housing activities in Laramie County have been mixed. The number of newly platted lots and replatted lots decreased, while the number of single-family building permits, mobile home building permits, and septic permits increased.

#### Newly Platted Lots

Laramie County had 90 newly platted lots in 1984, 2 in 1985, and none in 1986.

#### Replatted Lots

The total number of replatted lots decreased from 13 in 1985 to 1 in 1986. No lots were replatted during the third and fourth quarter of 1986.

#### Single-Family Building Permits

The total number of single-family building permits granted in Laramie County increased from 90 in 1985 to 131 in 1986. From the fourth quarter of 1985 to the fourth quarter of 1986, permits decreased 18 or 48.6 percent. The number of permits decreased by 21 or 52.5 percent from the third quarter of 1986 to the fourth quarter of 1986.

#### Mobile Home Building Permits

The number of mobile home building permits granted in Laramie County increased slightly from 89 in 1985 to 97 in 1986. Only three permits were granted during the fourth quarter of 1986. This was a decrease from the 5 in the fourth quarter of 1985, and 52 from the third quarter of 1986.

### New Mobile Home Lots

Laramie County approved a total of 38 new mobile home lots in 1984, 8 in 1985, and 1 in 1986.

### Septic Permits

The total number of septic tank permits issued by the Laramie County Division of Environmental Health increased from 120 in 1985 to 146 in 1986. The number of septic permits issued was also 146 in 1984.

### Vacancy Indicators

#### Units for Sale

The previous housing indicators deal with building activities at the regulatory or permitting stage. The possible reason behind the apparent overall increase in these activities during the last year is the number of units for sale or rent. Builders are usually reluctant to risk major development unless the demand is obvious.

The number of residential units for sale averaged 580 in 1985 and 540 in 1986, a decrease of 6.9 percent. After dropping to 474 in the first quarter of 1986, residential units increased in each quarter, finishing at 582 in the fourth quarter of 1986. Residential units for sale were 540 in the fourth quarter of 1985 and 582 in the fourth quarter of 1986, an increase of 7.8 percent.

The quarterly average number of rural residential units for sale went from 168 in 1985 to 143 in 1986, a decrease of 14.9 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, the number of rural units for sale decreased from 152 to 123, or 19.1 percent.

The number of mobile home units for sale averaged 27.3 in 1985 and 20.4 in 1986. The number of mobile homes for sale

declined in each quarter of 1986. The largest decrease occurred during the second and third quarters of 1986 (24 to 17, or 29.2 percent).

#### Tribune/Eagle Newspaper

The Cheyenne Tribune/Eagle newspapers are monitored for advertisements for vacancies. The average for the total number of weekly vacancies was 155 in 1985 and 121 in 1986. Vacancies were highest for unfurnished apartments with a quarterly average of 51, followed by homes/duplexes at 34. Vacancies for all four types of units increased sharply in the fourth quarter of 1986. Furnished apartments averaged 29.1 vacant units in the fourth quarter, up 41.3 percent from the third quarter. Unfurnished apartments increased 78.6 percent from the third quarter, while homes and duplexes rose 108.7 percent. Mobile homes increased 73.1 percent. Except for the home/duplex category, all other vacancies were higher in the fourth quarter of 1986 when compared to fourth quarter 1985.

#### Selected Apartment Complexes

The number of apartment units in the survey has fluctuated sharply since the inception of the Peacekeeper Monitoring Project due to constant changing of apartment management agencies. The current sample size of 553 is thought to be representative of large complexes in Cheyenne.

During the last year, the vacancy rate for the sample of large apartment complexes averaged 1.6 percent. However, the vacancy rate increased to 3.1 percent in the fourth quarter of 1986, which is significantly higher than the 0.97 figure for the third quarter of 1986 and the 1.4 figure for the fourth quarter of 1985. Generally speaking, a vacancy rate of less than 2.0 percent indicates that people are moving in and out, but no actual surplus of units is available for rent. Similar to the other vacancy indicators, continued Peacekeeper activities

probably accounted for a portion of the low overall vacancy rate of 1.6 percent during 1986.

## Chapter 5

### Public Services

Tables 12, 13, 14, and 15 summarize the changes in public services in Laramie County and Cheyenne over the last 3 calendar years and in recent quarters. Table 12 is concerned with governmental functions and activities, Table 13 reviews the specific calls for service for two law enforcement agencies, Table 14 deals with health care, and Table 15 deals with human services. The reasons for percentage changes in client loads are not always known or understood. Changes in economic and demographic conditions do play a major role, but seasonal variations, restructured funding levels, modified eligibility requirements, and altered policies of individual agencies are just as important. Future monitoring reports may expand or contract this list as appropriate.

### Governmental Functions

#### Employment

Nine employment categories are monitored for Laramie County government. Total county government employment for quarters varied from a low of 285 to a high of 292, a variation of 1.1 percent. The quarterly average increased from 282 in 1984 to 287 in 1985 to 289 in 1986, a change of 7 or 2.5 percent since 1984.

Eight employment categories are monitored for the City of Cheyenne government. These indicators included the total and seven specific departments that can experience fluctuations when a significant impact condition develops. Total quarterly city employment only increased by 10 or 1.5 percent, from 648 in 1984 to 658 in 1985. From 1985 to 1986, quarterly city employment increased by 4 from 658 to 662. Except for the Police Department and Parks and Recreation, the other categories showed only minor



Table 12 Summary of Governmental Functions in Laramie County and Cheyenne

Quarter	4Q 84	1984 Avg	1985 Avg	1Q 86	2Q 86	3Q 86	4Q 86	1986 Avg
Total Employment								
Laramie County	286	282	287	292	288	288	286	289
Cheyenne	624	648	658	654	691	670	633	662
Service Calls								
Sheriff's Dept.	2,505	2,688	2,704	1,562	1,150	1,167	996	1,219
Police Dept.	5,560	6,387	6,508	5,790	7,533	7,877	5,879	6,770
Traffic Counts								
Cheyenne Area	14,847	17,267	17,770	14,154	19,018	24,100	15,998	18,318
F.E. Warren	5,985	NA	6,732	7,346	6,767	NA	NA	NA
Enrollments								
L.C.S.D. #1	12,541	12,634	12,655	12,662	12,331	13,083	12,922	12,750
L.C.S.D. #2	766	726	782	806	792	777	773	787
L.C.C.C.								
Total	3,352	3,348	3,171	3,168	3,155	3,141	3,734	3,300
FTE Students	2,186	2,204	2,068	2,022	1,978	2,027	2,210	2,059
C.B.P.U.*								
Water Demand	11.4	13.2	13.9	10.3	21.9	22.8	12.7	16.9
Sewer Flows	7.4	8.0	8.1	7.3	8.1	8.0	7.6	7.8
Water Hookups	16,546	16,519	16,639	16,666	16,704	16,834	16,836	16,760
S.C.W. & S.D.*								
Water Demand	0.50	0.55	0.68	0.66	0.68	1.14	0.66	0.79
Sewer Flows	0.46	0.69	0.52	0.60	NA	NA	NA	NA
Water Hookups	2,505	2,492	2,616	2,748	2,829	2,889	2,914	2,845
Sewer Hookups	3,006	2,993	3,117	3,249	3,330	3,390	3,415	3,346

\* The average daily water demand and sewer flows of the Cheyenne Board of Public Utilities (C.B.P.U.) and the South Cheyenne Water and Sewer District (S.C.W. & S.D.) are in million gallons per day (MGD).

Table 13 Laramie County Sheriff's Department, Cheyenne Police Department, and Combined Calls for Service by Type and Year

Calls for Calendar Years		A 1984	B 1985	C 1986	Percent Changes		
					A-B	B-C	A-C
LARAMIE COUNTY							
Part I		794	697	763	-12.22	9.47	-3.90
Larceny		405	309	333	-23.70	7.77	-17.78
Part II		2,715	3,044	1,693	12.12	-44.38	-37.64
Alcohol Related		606	449	649	-25.91	44.54	7.10
Narcotics Related		116	103	108	-11.21	4.85	-6.90
Traffic Accident		243	255	227	4.94	-10.98	-6.58
Family Offense		367	411	99	11.99	-75.91	-73.02
Disturbance		179	209	31	16.76	-85.17	-82.68
Non-Crime		7,113	7,071	2,408	-0.59	-65.95	-66.15
Total Calls							
For Service		10,751	10,816	4,876	0.60	-54.92	-54.65
CHEYENNE							
Part I		2,810	2,938	3,048	4.56	3.74	8.47
Larceny		2,201	2,332	2,377	5.95	1.93	8.00
Part II		12,902	14,412	10,724	11.70	-25.59	-16.88
Alcohol Related		1,580	1,415	1,473	-10.44	4.10	-6.77
Narcotics Related		127	148	150	16.54	1.35	18.11
Traffic Accident		2,704	2,800	2,706	3.55	-3.36	0.07
Family Offense		744	883	826	18.68	-6.46	11.02
Disturbance		4,410	4,205	4,355	-4.65	3.57	-1.25
Non-Crime		9,839	9,317	11,522	-5.31	23.67	17.11
Total Calls							
For Service		25,548	26,030	27,079	1.89	4.03	5.99
COMBINED							
Part I		3,604	3,635	3,811	0.86	4.84	5.74
Larceny		2,606	2,641	2,710	1.34	2.61	3.99
Part II		15,617	17,456	12,417	11.78	-28.87	-20.49
Alcohol Related		2,186	1,864	2,122	-14.73	13.84	-2.93
Narcotics Related		243	251	258	3.29	2.79	6.17
Traffic Accident		2,947	3,055	2,933	3.66	-3.99	-0.48
Family Offense		1,111	1,294	925	16.47	-28.52	-16.74
Disturbance		4,589	4,414	4,386	-3.81	-0.63	-4.42
Non-Crime		16,952	16,388	13,930	-3.33	-15.00	-17.83
Total Calls							
For Service		36,299	36,846	31,955	1.51	-13.27	-11.97

Sources: Laramie County Sheriff's Department and Cheyenne Police Department

Table 14 Summary of Health Care Services in Laramie County and Cheyenne

=====									
Calendar		1984		1985		1986		1986	
Quarters		4Q84	Avg	Avg	1Q86	2Q86	3Q86	4Q86	Avg
-----									
LOCAL HOSPITALS									
DePaul Hospital									
Emergency Room	2,246	2,261	2,541	2,392	2,624	2,706	2,582	2,576	
Occupancy	5,997	6,245	6,091	6,471	6,260	6,092	5,754	6,144	
Memorial Hospital									
Emergency Room	2,164	2,441	2,404	2,145	2,382	2,447	2,118	2,273	
Daily Census	86	87	82	84	68	65	58	69	
Health Unit									
Nursing Time	8,446	8,212	8,441	9,022	8,905	7,805	7,728	8,365	
Patients Visits	5,732	6,184	7,216	6,317	7,003	8,071	5,638	6,757	
Mental Health Center									
Total Clients	1,642	1,717	1,889	1,946	1,965	1,902	2,097	1,978	
Treatment Hours	2,847	3,158	3,583	3,367	3,493	3,639	3,515	3,504	
Military Problems	3	1	4	2	1	3	8	4	
Peacekeeper Problems	2	1	1	0	1	3	0	1	
-----									

a) The County Health Unit reported a large number of patient visits due to the giving of influenza shots and a lower number of professional hours due to the loss of staff members in September, 1986. Figures for 3Q 85 were distorted because of flood in August, 1985.

Table 15 Summary of Human Services in Laramie County and Cheyenne

		1984		1985		1986		1986		1986		1986	
		Avg		Avg		Avg		Avg		Avg		Avg	
		4Q84		1Q86		2Q86		3Q86		4Q86		Avg	
Grandma's Safehouse		69		70		109		99		116		125	
Total Clients												120	
Needs Incorporated													
Total Clients		11,287		8,829		12,263		14,295		15,528		15,217	
COME A Shelter a)													
Nights Lodging		1,071		1,134		1,298		1,284		1,871		1,320	
												1,304	
DPASS Distributions													
AFDC		2,271		2,262		2,528		2,676		2,676		2,633	
Foodstamp		13,029		13,712		13,925		15,982		14,752		13,475	
												2,681	
												14,176	
Alcohol Center													
Admissions		149		150		171		110		179		176	
												157	
Salvation Army b)													
Transient Meals		1,141		1,741		2,350		2,219		2,458		1,755	
Resident Meals		2,283		2,004		4,582		4,156		4,921		3,245	
												1,787	
												4,474	
												2,055	
												4,199	

a) The COMEA Shelter was closed from July 13 to 31, 1986, due to Frontier Days. COMEA is limiting assistance to referrals and instigated a two night limit in September, 1986.

b) The Salvation Army was closed the last 3 weeks in July, 1986, due to Frontier Days. The agency lost a grant (8-86) which forced a cutback in meals served from two per day to one per day.

fluctuations in absolute numbers. Average employment in the Police Department increased from 95.1 in 1985 to 100.2 in 1986, a change of 5.4 percent. Average employment in the Parks and Recreation Department increased from 132.9 in 1985 to 141.7 in 1986, a change of 6.6 percent. Employment in the Parks and Recreation department experienced considerable seasonal fluctuations during 1985 and 1986, with a low of 120 in January, 1986, and a high of 181 in July, 1986.

#### Law Enforcement

The variables monitored by law enforcement consist of 10 indicators. These indicators are the record of calls (mostly telephone) for service by type and department. The Monitoring Program maintains a complete record of calls by month. Table 12 only includes total calls for service (a summary of crime and non-crime related calls) by quarter and the annual quarterly average for 1984, 1985, and 1986. Table 13 presents calls for service by type and year. Part I --type of crime calls-- includes the most serious crimes such as homicide, robbery, and assault. Part II calls are a summary of less serious crimes such as petty theft, disturbances, traffic violations, etc.

Laramie County Sheriff's Department. The annual quarterly average number of calls (Table 12) for the Laramie County Sheriff's Department was 2,688 in 1984, 2,704 in 1985, and 1,219 in 1986. Most of the 54.9 percent decrease in calls from 1985 to 1986 was due to a change in reporting methods by the Sheriff's Department.

The Peacekeeper Construction Project started in July, 1984. The first full year of construction activities on the Project was 1985. Table 13 presents the total number of calls for service by type for the last 3 calendar years and the percentage changes over time. It illustrates some of the more striking changes.

The recorded decreases from 1985 to 1986 in six categories are probably due to changes in the reporting methods used by the Sheriff's Department. Still, four categories did experience percentage increases from 1985 to 1986. Of the four, only alcohol-related calls increased from 1984 to 1986.

Cheyenne Police Department. The annual quarterly average number of calls (Table 12) for the Cheyenne Police Department was 6,387 in 1984, 6,508 in 1985, and 6,770 in 1986. From 1985 to 1986, the increase was 4.0 percent or 262 calls. A small decrease in calls for service of 2.3 percent (6,010 to 5,879) occurred from the fourth quarter of 1985 to the fourth quarter of 1986.

Table 13 presents the total number of calls to the Cheyenne Police Department. Comparisons between the Sheriff's Department and Cheyenne Police cannot be made for absolute number or percentage changes since the Sheriff's Department changed its reporting practices during 1986.

The Cheyenne Police Department experienced increases in Part I calls, larceny calls, and narcotic calls each year. Family offense calls decreased from 883 in 1985 to 826 in 1986 or 6.5 percent.

The last column summarizes the percent changes in calls from 1984 to 1986. The Police Department has had increases in six of the ten categories. Overall, total calls for service have increased 6.0 percent from 1984 to 1986.

Cheyenne/Laramie County Law Enforcement. Table 13 shows the combined number of calls for the Laramie County Sheriff's Department and Cheyenne Police Department. While it does not include every law enforcement agency in Laramie County (Pine Bluffs, Highway Patrol, etc.), it probably provides

representation or indication of the activities in and around Cheyenne. The fact that the Laramie County Sheriff's Department altered their reporting practices pertaining to calls for service means that a number of the reported decreases in service calls are overstated, especially Part II calls, family offense calls and non-crime calls.

The last column indicates that there have been increases in Part I (most serious), larceny, and narcotics-related calls during the last 2 years. On the other hand, calls related to traffic accidents and disturbances have fluctuated within very narrow ranges over the same period of time.

#### Traffic Counts

The transportation indicators in the monitoring program consist of the average daily traffic (ADT) counts at eight locations, five of which are in or near Cheyenne. The remaining three are in Nebraska and will be reported if Peacekeeper activities increase. Table 12 includes ADT counts of a summary of the Cheyenne area (I-80 West and I-25 North and South), the Carpenter Interchange (I-80 East), and F.E. Warren AFB Gate No. 1. Gate No.1 was dropped from the monitoring program beginning with the third quarter of 1986, due to the fact additional gates were opened on F.E. Warren, making ADT counts from Gate No. 1 no longer valid.

#### Cheyenne Area Summary

The annual ADT counts for the Cheyenne area increased 3.1 percent from 1985 to 1986. From 1984 to 1985, this indicator increased 2.9 percent. Most of this increase was counted at the West location (5,917 to 6,145 or 3.9%), as compared to the South (7,694 to 7,920 or 2.9%) or North (4,159 to 4,254 or 2.3%) locations.

### Carpenter Interchange

The annual ADT counts at the Carpenter Interchange were not available for 1986 because construction activity closed the interchange for the second, third, and fourth quarters of 1986.

### School Enrollments

The Monitoring Program determines enrollments by grade for the two school districts. The figures in Table 12 are for average daily membership (ADM) and fall enrollments. Annual figures and comparisons for school years will be presented at the end of the school year (second quarter, 1987).

#### Laramie County School District No. 1

Average calendar year enrollments increased from 12,655 in 1985 to 12,750 in 1986, an increase of 95 or 0.8 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, the number of students increased 209, or 1.6 percent. From the third to the fourth quarter of 1986, enrollments decreased 161 or 1.2 percent.

Direct non-military Peacekeeper-related enrollment was 212 in the third quarter of 1986 and 210 in the fourth. From the fourth quarter of 1985 to the fourth quarter of 1986, direct non-military Peacekeeper-related enrollment increased from 132 to 210 or 59.1 percent. New Peacekeeper-related military enrollments amounted to 188 during the same time period. Total new enrollments associated with the project amounted to 398 or 3.2 percent of the total daily enrollment in the fourth quarter of 1986.

#### Laramie County School District No. 2.

Average calendar year enrollments in Laramie County School District No. 2 increased from 782 in 1985 to 787 in 1986, an increase of only 5 or 0.6 percent. From the fourth quarter of



1985 to the fourth quarter of 1986, enrollments decreased 4.1 percent. Enrollments only decreased 4 or 0.5 percent during the last quarter. None of these changes are Peacekeeper related.

#### Laramie County Community College

Total enrollment figures for Laramie County Community College (LCCC) only include students enrolled in credit classes. None of the figures incorporate students enrolled in the Community Service Programs.

Average total enrollments increased from 3,171 in 1985 to 3,300 in 1986, an increase of 129 students or 4.1 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, total enrollments increased 566 or 17.9 percent. During the last quarter, total enrollments increased 593 or 18.9 percent

The average number of FTE students changed from 2,068 in 1985 to 2,059 in 1986, a decrease of 9 or 0.4 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, FTE students increased 188 or 9.3 percent. During the last quarter, the number of FTE students increased by 183 or 9.0 percent.

#### Public Utilities

The average daily water demand and sewer flow figures in Table 12 are in terms of million gallons per day (MGD). These figures are usually subject to seasonal variation. Therefore, only annual figures are reviewed.

#### Cheyenne Board of Public Utilities

The average daily water demand for the Cheyenne Board of Public Utilities increased from 13.9 MGD in 1985 to 16.9 MGD in 1986, an increase of 21.6 percent. Average daily sewer flows changed from 8.1 MGD in 1985 to 7.8 MGD in 1986, a decrease of 3.7 percent. The average annual number of water hookups changed

from 16,668 in 1985 to 16,760 in 1986, an increase of 92 hookups or 0.6 percent.

#### South Cheyenne Water and Sewer District

The average daily water demand for the South Cheyenne Water and Sewer District went from 0.68 MGD in 1985 to 0.79 MGD in 1986, an increase of 16.2 percent. The average annual number of water hookups went from 2,702 in 1985 to 2,845 in 1986, an increase of 143 or 5.3 percent.

The South Cheyenne Water and Sewer District (SCW&SD) hooked into CBPU's sewer in the second quarter of 1986, and sewer flows for SCW&SD will no longer be reported separately. Because of this, strict historical comparisons of sewer flows are no longer valid.

A comparison of the two utilities indicates that the South Cheyenne Water and Sewer District received the majority of new hookups in the Cheyenne area in both 1985 and 1986. From the fourth quarter of 1985 to the fourth quarter of 1986, the number of water hookups increased by 168 for the Cheyenne Board of Public Utilities and by 212 for the South Cheyenne Water and Sewer District.

#### Health Care Services

Table 14 is a summary of health care services in Laramie County and Cheyenne. Recent figures for quarters and the average of quarters for 1984, 1985, and 1986 are presented. Changes in reporting techniques, funding levels, government regulations, and personnel have made it impossible to obtain comparable data for some variables. Such instances are noted.

### Local Hospitals

DePaul Hospital. Total emergency room visits at DePaul went from 10,162 in 1985 to 10,304 in 1986 (average figures in Table 14, times 4), an increase of 1.4 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, emergency room visits increased 7.6 percent. Visits decreased (4.6%) during the last quarter.

Total occupancy days at DePaul Hospital increased 0.9 percent during the last year. Occupancy decreased (6.3%) from the fourth quarter of 1985 to the fourth quarter of 1986, and during the last quarter (5.4%).

Laramie County Memorial Hospital. Total emergency room visits at Memorial Hospital went from 9,616 in 1985 (average figure in Table 14, times 4) to 9,092 in 1986, a decrease of 5.5 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, emergency room visits decreased 1.9 percent. Visits decreased (13.4%) during the last quarter.

Memorial Hospital has kept an average daily census since July, 1984. The average daily census decreased 15.9 percent from 1985 to 1986, decreased 20.5 percent from the fourth quarter of 1985 to the fourth quarter of 1986, and decreased 10.8 percent during the last quarter.

Health Unit. The Cheyenne City/Laramie County Health Unit experienced decreases in nursing time from 1985 to 1986 (0.9%). From the fourth quarter of 1985 to the fourth quarter of 1986, nursing time increased 0.6 percent. During the last quarter nursing time decreased 1.0 percent.

Patient visits decreased 6.3 percent from 1985 to 1986. Visits also decreased by 22.8 percent from the fourth quarter of 1985 to the fourth quarter of 1986, and decreased during the last

quarter by 30.1 percent. The decreases in patient visits in the last quarter of 1986 are due to staff reductions at the County Health Unit.

Southeast Wyoming Mental Health Center. The total number of clients at the Southeast Wyoming Mental Health Center changed from 7,554 in 1985 to 7,910 in 1986, an increase of 356 or 4.7 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, total clients increased 17.7 percent. The number of clients increased 10.3 percent during the last quarter.

The total number of direct treatment hours decreased 2.2 percent during the last year. From the fourth quarter of 1985 to fourth quarter of 1986, the number of hours increased 3.5 percent. During the last quarter, direct treatment hours decreased 3.4 percent.

The in-processing questionnaire started to include "Military-Related Problems" and "Peacekeeper Related-Problems" in July, 1984. The reported number of cases is usually too small to be significant.

#### Human Services

##### Grandma's Safehouse

The total number of clients at Grandma's Safehouse (Safehouse and Sexual Assault Services, Inc.) went from 434 in 1985 to 460 in 1986, an increase of 26 or 6.0 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, the number of clients decreased 7.7 percent. During the last quarter, the client load decreased 4.0 percent.

##### COMEA Shelter

The Cooperative Ministries for Emergency Assistance (COMEA Shelter) is a cooperative effort that provides shelter for both

men and women. The total night's lodging is the sum of the number of persons times the number of nights stayed. The shelter is closed the last 10 days of July because of Frontier Days. During the second quarter of 1986, a new policy restricting the stays to two nights was implemented.

The total number of lodgings went from 5,193 in 1985 to 5,779 in 1986, an increase of 586 or 11.3 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, lodgings decreased 5.3 percent. During the last quarter, lodgings decreased 1.2 percent.

#### DPASS Distributions

The Department of Public Assistance and Social Services (DPASS) administers Aid to Families with Dependent Children (AFDC) distributions and foodstamp distributions. The total number of AFDC distributions went from 10,111 in 1985 to 10,666 in 1986, an increase of 555 or 5.5 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, the number of AFDC distributions increased 186 or 7.5 percent. During the last quarter, distributions increased 48 or 1.8 percent.

The number of distributions to foodstamp recipients in Laramie County went from 55,910 in 1985 to 53,933 in 1986, a decrease of 1,977 or 3.5 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, distributions increased 8.8 percent. During the last quarter, foodstamp distributions increased 5.2 percent.

Foodstamp and AFDC distributions are federal programs. Both are subject to changing eligibility requirements. Therefore, it is extremely difficult to analyze or explain why a distribution increases or decreases over time.

#### Alcohol Receiving Center

Admissions to the Alcohol Receiving Center went from 685 in 1985 to 622 in 1986, a decrease of 63 or 9.2 percent. From the fourth quarter of 1985 to the fourth quarter of 1986, admissions increased 24.6 percent. During the last quarter admissions decreased 10.8 percent.

#### Salvation Army

The Salvation Army changed its policy and started to serve one meal per day to transients and residents in August of 1986. This change was due to the loss of a grant which forced the cutback in meals served from two per day to one. Meals served to transients went from 9,401 in 1985 to 8,219 in 1986, a decrease of 12.6 percent. Meals served to residents went from 18,329 in 1985 to 16,796 in 1986, a decrease of 1,533 or 8.4 percent.

Most of the agencies in the Monitoring Program had increases in activities during 1986. It is not know how much of these increases are directly due to the Peacekeeper Project. Generally speaking, the amount of increase is not significant enough to warrant the additional research which would be required to determine the Peacekeeper Projects share of the increase.

APPENDIX A

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS (N=916)  
SELECTED FREQUENCIES FOR FOURTH QTR WORKERS 1986

## FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
ACCURATE FLOOR P	20	2.2
ACME FOX EQUIPME	1	0.1
AUTOMATIC SPRINK	2	0.2
B&G STEEL	2	0.2
BOEING	1	0.1
CMD	222	24.2
COE	32	3.5
CONSOLIDATED CON	26	2.8
CORTEZ	11	1.2
DEPENDABLE PLUMB	5	0.5
DET 60	3	0.3
EMULSIFIED ASPHA	62	6.8
FHWA	4	0.4
FIRE ENGINEERING	28	3.1
FITCH ELECTRIC	1	0.1
GILPATRICK CONST	1	0.1
GTE	14	1.5
HARDRIVES INC.	2	0.2
HAYNES TRANE SER	2	0.2
HEALY	2	0.2
HEINRICH'S RAYNO	39	4.3
HERDMAN ELECTRIC	2	0.2
HOFFSCHNEIDER CO	3	0.3
HONEYWELL	25	2.7
HURST	1	0.1
INTERMOUNTAIN CO	15	1.6
INTERMOUNTAIN IN	1	0.1
L & L INSULATION	1	0.1
L H SOWLES CO	2	0.2
LOVELAND EXC. CO	24	2.6
MARTIN MARIETTA	19	2.1
MECHANICAL SYSTE	7	0.8
MENTER SAND & GR	1	0.1
MIDWEST TESTING	7	0.8
MILLER STEWART I	1	0.1
NORTH AMERICAN I	13	1.4
OWL	1	0.1
PERRETT CONSTRUC	88	9.6
PLATTE VALLEY	11	1.2
Q I OF DENVER	10	1.1
QM COMPANY INC.	4	0.4
READ AND CLARK C	6	0.7
RICHARD O'BRIEN	6	0.7
ROBINSON CONST.	17	1.9
ROCKWELL INTNL	1	0.1
SIMPSON ELECTRIC	3	0.3
STEELOCK FENCE C	2	0.2
STEIL SURVEYING	1	0.1
STERLING PAVING	4	0.4
TERRA CONSTRUCTI	11	1.2
TETON CONSTRUCTI	1	0.1
	2	0.2



APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS N=916)  
SELECTED FREQUENCIES FOR FOURTH QTR WORKERS 1986

## FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
TOBLER CONSTRUCT	2	0.2
TRW	6	0.7
US FOREST SERVIC	1	0.1
USAF	62	6.8
USDA	5	0.5
VROOMAN CONSTRUCT	53	5.8
W P DALE ELECTRI	1	0.1
WESTERN ELECTRIC	1	0.1
WESTERN SHEET ME	1	0.1
WESTINGHOUSE	8	0.9
WILLMAR	6	0.7

## WORKER CATEGORY

WORKER	FREQUENCY	PERCENT
ASSEMBLY & CHECK	310	33.8
CONSTRUCTION	370	40.4
FEDERAL CIVILIAN	154	16.8
FEDERAL MILITARY	62	6.8
OTHER CONTRACTOR	20	2.2

## NAME OF UNION MEMBERSHIP

UNION	FREQUENCY	PERCENT
AEROSPACE	726	79.3
AFL/CIO	7	0.8
CARPENTER UNION	1	0.1
IAM	3	0.3
IBEW	48	5.2
INTERNATIONAL UN	29	3.2
IRONWORKERS LOCA	1	0.1
JIE	48	5.2
LABORERS	1	0.1
LOCAL	10	1.1
MACHINISTS	11	1.2
OPERATING ENGINE	5	0.5
PAINTER & DRYWAL	3	0.3
PLUMBERS & PIPEF	3	0.3
SHEET METAL WORK	12	1.3
SPRINKLER FITTER	1	0.1
TEAMSTERS	2	0.2
	5	0.5

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS (N=916)  
SELECTED FREQUENCIES FOR FOURTH QTR WORKERS 1986

16:24 MONDAY, MARCH 2, 1987 3

ARE YOU AN IMMIGRANT

RELOCATE	FREQUENCY	PERCENT
MISSING DATA	13	1.4
NO	424	46.3
YES	479	52.3

STATUS OF FAMILY

FAMILY	FREQUENCY	PERCENT
MISSING DATA	242	26.4
WITHOUT FAMILY	118	12.9
SINGLE	249	27.2
WITH FAMILY	307	33.5

PERMANENT OR TEMPORARY RESIDENT

RESIDENT	FREQUENCY	PERCENT
MISSING DATA	43	4.7
PERMANENT	500	54.6
TEMPORARY	373	40.7

WEEKLY OR DAILY COMMUTER

COMMUTER	FREQUENCY	PERCENT
MISSING DATA	294	32.1
DAILY	511	55.8
WEEKLY	111	12.1

MARITAL STATUS-MARRIED, OTHER, OR SINGLE

MARST	FREQUENCY	PERCENT
MISSING DATA	6	0.7
MARRIED	633	69.1
OTHER	28	3.1
SINGLE	249	27.2

APPENDIX A  
 1. FOURTH QUARTER 1986 WORKERS (N=916)  
 SELECTED FREQUENCIES FOR FOURTH QTR WORKERS 1986

NUMBER OF PERSONS IN PERM HOUSEHOLD

PERSONS	FREQUENCY	PERCENT
1	18	2.0
2	174	19.0
3	221	24.1
4	166	18.1
5	201	21.9
6	94	10.3
7	28	3.1
8	12	1.3
	2	0.2

SEX OF WORKER

SEX1	FREQUENCY	PERCENT
F	46	5.0
M	102	11.1
	768	83.8

DO YOU SHARE QTRS WITH OTHER WORKERS

SHARE	FREQUENCY	PERCENT
N	15	1.6
Y	789	86.1
	112	12.2

NUMBER OF WORKERS WITH WHOM SHARE QTRS

MANY	FREQUENCY	PERCENT
1	813	88.8
2	70	7.6
3	18	2.0
4	8	0.9
	7	0.8

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS (1916)  
SELECTED FREQUENCIES FOR FOURTH QTR WORKERS 1986

16:24 MONDAY, MARCH 2, 1987 5

TYPE OF RESIDENCE CURRENTLY

RESICURR	FREQUENCY	PERCENT
MISSING DATA	24	2.6
DET SF HOME	410	44.8
ATTACH SF HOME	109	11.9
APARTMENT	136	14.8
MOBILE HOME	137	15.0
HOTEL/MOTEL	70	7.6
RV/TENT	16	1.7
OTHER	14	1.5

TYPE OF RESIDENCE PRIOR TO JUNE, 1984

RESIJUNE	FREQUENCY	PERCENT
MISSING DATA	19	2.1
DET SF HOME	470	51.3
ATTACH SF HOME	116	12.7
APARTMENT	140	15.3
MOBILE HOME	136	14.8
HOTEL/MOTEL	7	0.8
RV/TENT	11	1.2
OTHER	17	1.9

TYPE OF RESIDENCE EXPECT TO HAVE

RESIEXPT	FREQUENCY	PERCENT
MISSING DATA	129	14.1
DET SF HOME	333	36.4
ATTACH SF HOME	94	10.3
APARTMENT	145	15.8
MOBILE HOME	125	13.6
HOTEL/MOTEL	43	4.7
RV/TENT	33	3.6
OTHER	14	1.5

DID YOU OWN OR RENT PRIOR TO JUNE, 1984

OWNJUNE	FREQUENCY	PERCENT
MISSING DATA	30	3.3
RENT	392	42.8
OWN	494	53.9

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS (N=916)  
SELECTED FREQUENCIES FOR FOURTH QTR WORKERS 1986

DO YOU OWN OR RENT CURRENTLY

OWNCURR	FREQUENCY	PERCENT
MISSING DATA	61	6.7
RENT	431	47.1
OWN	424	46.3

DO YOU EXPECT TO OWN OR RENT

OWNEXPT	FREQUENCY	PERCENT
MISSING DATA	158	17.2
RENT	410	44.8
OWN	348	38.0

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
SELECTED CUMULATIVE FREQUENCIES FOR FOURTH QTR WORKERS 1986

## AGE OF WORKER

AGE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
16	2	0.3	2	0.3
17	5	0.7	7	1.0
18	6	0.9	13	1.9
19	6	0.9	19	2.8
20	12	1.8	31	4.6
21	8	1.2	39	5.8
22	19	2.8	58	8.6
23	25	3.7	83	12.2
24	15	2.2	98	14.5
25	22	3.2	120	17.7
26	27	4.0	147	21.7
27	23	3.4	174	25.7
28	18	2.7	197	29.1
29	25	3.7	215	31.7
30	20	2.9	240	35.4
31	22	3.2	260	38.3
32	13	1.9	282	41.6
33	33	4.9	295	43.5
34	19	2.8	328	48.4
35	25	3.7	347	51.2
36	19	2.8	372	54.9
37	19	2.8	391	57.7
38	8	1.2	410	60.5
39	12	1.8	430	63.4
40	23	3.4	453	66.8
41	20	2.9	473	69.8
42	15	2.2	488	72.0
43	17	2.5	505	74.5
44	11	1.6	516	76.1
45	17	2.5	533	78.6
46	13	1.9	546	80.5
47	10	1.5	556	82.0
48	17	2.5	573	84.5
49	13	1.9	586	86.4
50	11	1.6	597	88.1
51	10	1.5	607	89.5
52	15	2.2	622	91.7
53	14	2.1	636	93.8
54	5	0.7	641	94.5
55	8	1.2	649	95.7
56	5	0.7	654	96.5
57	8	1.2	662	97.6
58	4	0.6	666	98.2
59	5	0.7	671	99.0
60	2	0.3	673	99.3
61	1	0.1	674	99.4
62	1	0.1	675	99.6
63	2	0.3	677	99.9
64	1	0.1	678	100.0



APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
MEANS OF SELECTED VARIABLES-FOURTH QUARTER 1986

16:25 MONDAY, MARCH 2, 1987 9

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM
PERSONS	NUMBER OF PERSONS IN PERM HOUSEHOLD	898	2.95768374	1.48811418	1.00000000	8.00000000	0.04965901	2656.0000
AGE1	AGE OF WORKER	678	37.51769912	11.04825508	16.00000000	66.00000000	0.42430568	25437.0000
EDUC1	YEARS OF EDUCATION OF WORKER	700	13.47571429	1.99017154	8.00000000	18.00000000	0.07522141	9433.0000
MANY	NUMBER OF WORKERS WITH WHOM SHARE QTRS	103	1.53398058	0.90549016	1.00000000	4.00000000	0.08922060	158.0000



APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
ANALYSIS OF ELEMENTARY STUDENTS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT			
	P	T		
	ELEM	ELEM		
	SUM	SUM		
ARE YOU AN INMIGRANT				
N	77.00		11.00	
Y	38.00		54.00	

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
ANALYSIS OF JRHIGH STUDENTS ACCORDING TO RESIDENCE

16:26 MONDAY, MARCH 2, 1987 11

	PERMANENT OR TEMPORARY RESIDENT			
	P	T		
	JRHI	JRHI		
	SUM	SUM		
ARE YOU AN INMIGRANT				
N	64.00	10.00		
Y	14.00	38.00		

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
ANALYSIS OF SRHIGH STUDENTS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT		
	P	T	
	SRHI	SRHI	
	SUM	SUM	
ARE YOU AN IMMIGRANT			
N	77.00		6.00
Y	19.00		47.00

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
CROSSTAB OF 4TH QTR WORKERS BY POSITION AND RESIDENCE TYPE

TABLE OF WORKER BY RESIDENT

WORKER(WORKER CATEGORY)      RESIDENT(PERMANENT OR TEMPORARY RESIDENT)

FREQUENCY PERCENT ROW PCT COL PCT	P		T		TOTAL
ASSEMBLY & CHECK	8	167	135		302
	.	19.13	15.46		34.59
	.	55.30	44.70		
	.	33.40	36.19		
CONSTRUCTION	21	210	139		349
	.	24.05	15.92		39.98
	.	60.17	39.83		
	.	42.00	37.27		
FEDERAL CIVILIAN	12	92	50		142
	.	10.54	5.73		16.27
	.	64.79	35.21		
	.	18.40	13.40		
FEDERAL MILITARY	2	22	38		60
	.	2.52	4.35		6.87
	.	36.67	63.33		
	.	4.40	10.19		
OTHER CONTRACTOR	0	9	11		20
	.	1.03	1.26		2.29
	.	45.00	55.00		
	.	1.80	2.95		
TOTAL	.	500	373		873
	.	57.27	42.73		100.00

FREQUENCY MISSING = 43

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
CROSSTAB OF 4TH QTR WORKERS BY POSITION AND RESIDENCE TYPE JUNE 84

TABLE OF WORKER BY RESIJUNE

WORKER(WORKER CATEGORY) RESIJUNE(TYPE OF RESIDENCE PRIOR TO JUNE, 1984)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA											TOTAL
	DET SF OME	H F	ATTACH HOME	S T	APARTMEN T	MOBILE OME	H TEL	HOTEL/MO RV	TENT OTHER			
ASSEMBLY & CHECK	7	161	40	45	50	3	1	3	303	33.78		
	.	17.95	4.46	5.02	5.57	0.33	0.11	0.33				
	.	53.14	13.20	14.85	16.50	0.99	0.33	0.99				
	.	34.26	34.48	32.14	36.76	42.86	9.09	17.65				
CONSTRUCTION	8	184	39	52	68	2	9	8	362	40.36		
	.	20.51	4.35	5.80	7.58	0.22	1.00	0.89				
	.	50.83	10.77	14.36	18.78	0.55	2.49	2.21				
	.	39.15	33.62	37.14	50.00	28.57	81.82	47.06				
FEDERAL CIVILIAN	3	88	20	23	16	2	1	1	151	16.83		
	.	9.81	2.23	2.56	1.78	0.22	0.11	0.11				
	.	58.28	13.25	15.23	10.60	1.32	0.66	0.66				
	.	18.72	17.24	16.43	11.76	28.57	9.09	5.88				
FEDERAL MILITARY	1	26	14	15	1	0	0	5	61	6.80		
	.	2.90	1.56	1.67	0.11	0.00	0.00	0.56				
	.	42.62	22.95	24.59	1.64	0.00	0.00	8.20				
	.	5.53	12.07	10.71	0.74	0.00	0.00	29.41				
OTHER CONTRACTOR	0	11	3	5	1	0	0	0	20	2.23		
	.	1.23	0.33	0.56	0.11	0.00	0.00	0.00				
	.	55.00	15.00	25.00	5.00	0.00	0.00	0.00				
	.	2.34	2.59	3.57	0.74	0.00	0.00	0.00				
TOTAL	.	470	116	140	136	7	11	17	897	100.00		
	.	52.40	12.93	15.61	15.16	0.78	1.23	1.90				

FREQUENCY MISSING = 19

## APPENDIX A

1. FOURTH QUARTER 1986 WORKERS  
CROSSTAB OF 4TH QTR WORKERS BY POSITION AND CURRENT RESIDENCE TYPE

## TABLE OF WORKER BY RESICURR

## WORKER(WORKER CATEGORY) RESICURR(TYPE OF RESIDENCE CURRENTLY)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA		DET SF OME	H ATTACH F HOME	S T	APARTMEN T	MOBILE OME	H HOTEL TEL	MO/RV/TENT	OTHER	TOTAL
ASSEMBLY & CHECK	10	139	42	41	39	32	4	3	300		
	.	15.58	4.71	4.60	4.37	3.59	0.45	0.34	33.63		
	.	46.33	14.00	13.67	13.00	10.67	1.33	1.00			
	.	33.90	38.53	30.15	28.47	45.71	25.00	21.43			
CONSTRUCTION	12	171	38	44	80	12	9	4	358		
	.	19.17	4.26	4.93	8.97	1.35	1.01	0.45	40.13		
	.	47.77	10.61	12.29	22.35	3.35	2.51	1.12			
	.	41.71	34.86	32.35	58.39	17.14	56.25	28.57			
FEDERAL CIVILIAN	1	64	18	28	14	22	3	4	153		
	.	7.17	2.02	3.14	1.57	2.47	0.34	0.45	17.15		
	.	41.83	11.76	18.30	9.15	14.38	1.96	2.61			
	.	15.61	16.51	20.59	10.22	31.43	18.75	28.57			
FEDERAL MILITARY	1	22	9	20	3	4	0	3	61		
	.	2.47	1.01	2.24	0.34	0.45	0.00	0.34	6.84		
	.	36.07	14.75	32.79	4.92	6.56	0.00	4.92			
	.	5.37	8.26	14.71	2.19	5.71	0.00	21.43			
OTHER CONTRACTOR	0	14	2	3	1	0	0	0	20		
	.	1.57	0.22	0.34	0.11	0.00	0.00	0.00	2.24		
	.	70.00	10.00	15.00	5.00	0.00	0.00	0.00			
	.	3.41	1.83	2.21	0.73	0.00	0.00	0.00			
TOTAL	.	410	109	136	137	70	16	14	892		
	.	45.96	12.22	15.25	15.36	7.85	1.79	1.57	100.00		

FREQUENCY MISSING = 24

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
CROSSTAB OF 4TH QTR WORKERS BY POSITION AND EXPECTED RESIDENCE TYPE

TABLE OF WORKER BY RESIEXPT

WORKER(WORKER CATEGORY)		RESIEXPT(TYPE OF RESIDENCE EXPECT TO HAVE)												TOTAL
FREQUENCY PERCENT ROW PCT COL PCT		MISSING DATA	DET OME	SF HOME	H ATTACH HOME	S T	APARTMEN T	MOBILE OME	H TEL	HOTEL/MO TEL	RV/TENT	OTHER		
ASSEMBLY & CHECK		39	124	41	56	35	7	6	2	271				
			15.76	5.21	7.12	4.45	0.89	0.76	0.25	34.43				
			45.76	15.13	20.66	12.92	2.58	2.21	0.74					
			37.24	43.62	38.62	28.00	16.28	18.18	14.29					
CONSTRUCTION		66	109	21	44	63	36	25	6	304				
			13.85	2.67	5.59	8.01	4.57	3.18	0.76	38.63				
			35.86	6.91	14.47	20.72	11.84	8.22	1.97					
			32.73	22.34	30.34	50.40	83.72	75.76	42.86					
FEDERAL CIVILIAN		18	64	19	28	20	0	2	3	136				
			8.13	2.41	3.56	2.54	0.00	0.25	0.38	17.28				
			47.06	13.97	20.59	14.71	0.00	1.47	2.21					
			19.22	20.21	19.31	16.00	0.00	6.06	21.43					
FEDERAL MILITARY		4	24	11	14	6	0	0	3	58				
			3.05	1.40	1.78	0.76	0.00	0.00	0.38	7.37				
			41.38	18.97	24.14	10.34	0.00	0.00	5.17					
			7.21	11.70	9.66	4.80	0.00	0.00	21.43					
OTHER CONTRACTOR		2	12	2	3	1	0	0	0	18				
			1.52	0.25	0.38	0.13	0.00	0.00	0.00	2.29				
			66.67	11.11	16.67	5.56	0.00	0.00	0.00					
			3.60	2.13	2.07	0.80	0.00	0.00	0.00					
TOTAL			333	94	145	125	43	33	14	787				
			42.31	11.94	18.42	15.88	5.46	4.19	1.78	100.00				

FREQUENCY MISSING = 129

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
CROSSTAB OF 4TH QTR WORKERS BY FAMILY AND RELOCATION

TABLE OF FAMILY BY RELOCATE

FAMILY(STATUS OF FAMILY) RELOCATE(ARE YOU AN IMMIGRANT)

FREQUENCY PERCENT ROW PCT COL PCT	N		Y		TOTAL
MISSING DATA	6	229	7	.	.
	.	.	.	.	.
	.	.	.	.	.
WITHOUT FAMILY	0	11	107	118	17.69
	.	1.65	16.04		
	.	9.32	90.68		
	.	5.64	22.67		
SINGLE	7	122	120	242	36.28
	.	18.29	17.99		
	.	50.41	49.59		
	.	62.56	25.42		
WITH FAMILY	0	62	245	307	46.03
	.	9.30	36.73		
	.	20.20	79.80		
	.	31.79	51.91		
TOTAL	.	195	472	667	100.00
	.	29.24	70.76		

FREQUENCY MISSING = 249



APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
BAR GRAPH OF 4TH QTR WORKERS PRIOR STATE OF RESIDENCE

## FREQUENCY BAR CHART

PRIORST	HOME STATE PRIOR TO JUNE, 1984	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AK		1	1	0.11	0.11
AR		1	2	0.11	0.22
AZ	B	5	7	0.56	0.78
CA	ABBBCCCCCCCCCD	68	75	7.60	8.38
CO	AAAAAAAAABBBBCCCCDDDD	111	186	12.40	20.78
DE		1	187	0.11	20.89
FL	C	9	196	1.01	21.90
GA		3	199	0.34	22.23
ID	BCD	16	215	1.79	24.02
IL	C	6	221	0.67	24.69
KS	BC	11	232	1.23	25.92
MA		3	235	0.34	26.26
MD		1	236	0.11	26.37
ME		1	237	0.11	26.48
MI	C	6	243	0.67	27.15
MN		1	244	0.11	27.26
MO	BC	16	260	1.79	29.05
MS		1	261	0.11	29.16
MT	ABCCCD	31	292	3.46	32.63
ND	ABCCCD	31	323	3.46	36.09
NE	ABCCDD	27	350	3.02	39.11
NH		1	351	0.11	39.22
NM	C	6	357	0.67	39.89
NV	C	4	361	0.45	40.34
NY		2	363	0.22	40.56
OH	C	5	368	0.56	41.12
OK		2	370	0.22	41.34
OR		1	371	0.11	41.45
PA		1	372	0.11	41.56
SD	BBCCD	26	398	2.91	44.47
TN		1	399	0.11	44.58
TX		3	402	0.34	44.92
UT	ABBBCCCCCCCCD	58	460	6.48	51.40
WA	BBBBCCCCCCCCDD	67	527	7.49	58.88
WY	AAAAAAAAAAAAAAAAAAAAABBBBCCCCCCCCCCCCCCCCDD	351	878	39.22	98.10
XX	BCC	17	895	1.90	100.00

## FREQUENCY

SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY
A	B	C	D
MISSING DATA	SINGLE	WITH FAMILY	WITHOUT FAMILY



16:30 MONDAY, MARCH 2, 1987 20

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
BAR GRAPH OF 4TH QTR WORKERS INTENDED RELOCATING STATE OF RESIDENCE  
FREQUENCY BAR CHART

RELOST	STATE TO WHICH ONE INTENDS TO RELOCATE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
CA		1	1	0.21	0.21
CO	CD	10	11	2.08	2.29
MI		1	12	0.21	2.49
NE		3	15	0.62	3.12
SD		5	20	1.04	4.16
UT		1	21	0.21	4.37
WA		1	22	0.21	4.57
WY	AAAAA	459	481	95.43	100.00

20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460

FREQUENCY

SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY
A MISSING DATA	B SINGLE	C WITH FAMILY	D WITHOUT FAMILY

APPENDIX A  
1. FOURTH QUARTER 1986 WORKERS  
BAR GRAPH OF 4TH QTR WORKERS PERMANENT STATES OF RESIDENCE

FREQUENCY BAR CHART

PERMST	PERMANENT HOME STATE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AL		2	2	0.24	0.24
AZ	B	4	6	0.47	0.71
CA	BCCD	25	31	2.95	3.66
CO	AAAAAAAAABBBBCCCCDDDD	109	140	12.85	16.51
CT		1	141	0.12	16.63
FL	C	8	149	0.94	17.57
GA	IC	3	152	0.35	17.92
ID	BCDD	17	169	2.00	19.93
IL		2	171	0.24	20.17
KS	BC	13	184	1.53	21.70
KY		1	185	0.12	21.82
LA		1	186	0.12	21.93
MI		3	189	0.35	22.29
MN		3	192	0.35	22.64
MO		9	201	1.06	23.70
MS	BC	1	202	0.12	23.82
MT	ABCCD	22	224	2.59	26.42
NC		1	225	0.12	26.53
ND	ICD	11	236	1.30	27.83
NE	BCDD	22	258	2.59	30.42
NH		1	259	0.12	30.54
NM		2	261	0.24	30.78
NV		1	262	0.12	30.90
NY		2	264	0.24	31.13
OH		1	265	0.12	31.25
OR	C	6	271	0.71	31.96
PA		2	273	0.24	32.19
RI		1	274	0.12	32.31
SD	BBCDD	26	300	3.07	35.38
TN	C	5	305	0.59	35.97
TX	IC	7	312	0.83	36.79
UT	BCCC	19	331	2.24	39.03
WA	BBBCCCCCCCCDDDD	76	407	8.96	48.00
WI		1	408	0.12	48.11
WY	AAAAAAAAAAAAAAAAAAAAAAAAABBBBCCCCCCCCCCCCCCCCCCCCDDDD	440	848	51.89	100.00

FREQUENCY			
SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY
A MISSING DATA	B SINGLE	C WITH FAMILY	D WITHOUT FAMILY
20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440			

APPENDIX A  
2. FOURTH QUARTER 1986 IMMIGRANT WORKERS (N=479)  
SELECTED FREQUENCIES FOR FOURTH QTR IMMIGRANT

## FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
BOEING	4	0.8
CMD	146	30.5
COE	20	4.2
CONSOLIDATED CON	19	4.0
CORTEZ	3	0.6
DET 60	1	0.2
EMULSIFIED ASPHA	48	10.0
FHWA	2	0.4
GILPATRICK CONST	17	3.5
GTE	7	1.5
HEALY	2	0.4
HURST	22	4.6
L H SOWLES CO	8	1.7
LOVELAND EXC. CO	12	2.5
MARTIN MARIETTA	16	3.3
MENTER SAND & GR	5	1.0
MIDWEST TESTING	4	0.8
MILLER STEWART I	1	0.2
NORTH AMERICAN I	4	0.8
OWL	1	0.2
PERRETT CONSTRUC	33	6.9
PLATTE VALLEY	8	1.7
ROBINSON CONST.	6	1.3
ROCKWELL INTNL	1	0.2
STERLING PAVING	3	0.6
TRW	3	0.6
US FOREST SERVIC	4	0.8
USAF	1	0.2
USDA	58	12.1
VROOMAN CONSTRUC	5	1.0
WESTINGHOUSE	9	1.9
WILLMAR	5	1.0
	1	0.2

## WORKER CATEGORY

WORKER	FREQUENCY	PERCENT
ASSEMBLY & CHECK	179	37.4
CONSTRUCTION	119	24.8
FEDERAL CIVILIAN	110	23.0
FEDERAL MILITARY	58	12.1
OTHER CONTRACTOR	13	2.7

APPENDIX A  
2. FOURTH QUARTER 1986 IMMIGRANT WORKERS (N=479)  
SELECTED FREQUENCIES FOR FOURTH QTR IMMIGRANT

NAME OF UNION MEMBERSHIP		
UNION	FREQUENCY	PERCENT
AEROSPACE	390	81.4
AFL/CIO	7	1.5
IAM	1	0.2
IBEW	40	8.4
IRONWORKERS LOCA	3	0.6
LOCAL	25	5.2
MACHINISTS	6	1.3
OPERATING ENGINE	3	0.6
PAINTER & DRYWAL	2	0.4
PLUMBERS & PIPEF	1	0.2

ARE YOU AN IMMIGRANT

RELOCATE	FREQUENCY	PERCENT
YES	479	100.0

STATUS OF FAMILY

FAMILY	FREQUENCY	PERCENT
MISSING DATA	7	1.5
WITHOUT FAMILY	107	22.3
SINGLE	120	25.1
WITH FAMILY	245	51.1

PERMANENT OR TEMPORARY RESIDENT

RESIDENT	FREQUENCY	PERCENT
MISSING DATA	22	4.6
PERMANENT	160	33.4
TEMPORARY	297	62.0

WEEKLY OR DAILY COMMUTER

COMMUTER	FREQUENCY	PERCENT
MISSING DATA	157	32.8
DAILY	260	54.3
WEEKLY	62	12.9

APPENDIX A  
2. FOURTH QUARTER 1986 IMMIGRANT WORKERS (N=479)  
SELECTED FREQUENCIES FOR FOURTH QTR IMMIGRANT

MARITAL STATUS-MARRIED, OTHER, OR SINGLE

MARST	FREQUENCY	PERCENT
MISSING DATA	3	0.6
MARRIED	338	70.6
OTHER	18	3.8
SINGLE	120	25.1

NUMBER OF PERSONS IN PERM HOUSEHOLD

PERSONS	FREQUENCY	PERCENT
1	11	2.3
2	102	21.3
3	129	26.9
4	78	16.3
5	93	19.4
6	43	9.0
7	13	2.7
8	8	1.7
	2	0.4

SEX OF WORKER

SEX1	FREQUENCY	PERCENT
F	26	5.4
M	32	6.7
	421	87.9

DO YOU SHARE QTRS WITH OTHER WORKERS

SHARE	FREQUENCY	PERCENT
N	7	1.5
Y	394	82.3
	78	16.3

APPENDIX A  
2. FOURTH QUARTER 1986 IMMIGRANT WORKERS (N=479)  
SELECTED FREQUENCIES FOR FOURTH QTR IMMIGRANT

NUMBER OF WORKERS WITH WHOM SHARE QTRS

MANY	FREQUENCY	PERCENT
1	409	85.4
2	47	9.8
3	16	3.3
4	6	1.3
	1	0.2

TYPE OF RESIDENCE PRIOR TO JUNE, 1984

RESI JUNE	FREQUENCY	PERCENT
MISSING DATA	7	1.5
DETACHED SF HOME	246	51.4
ATTACHED SF HOME	65	13.6
APARTMENT	80	16.7
MOBILE HOME	62	12.9
HOTEL/MOTEL	2	0.4
RV/TENT	7	1.5
OTHER	10	2.1

TYPE OF RESIDENCE CURRENTLY

RESICURR	FREQUENCY	PERCENT
MISSING DATA	13	2.7
DETACHED SF HOME	185	38.6
ATTACHED SF HOME	56	11.7
APARTMENT	80	16.7
MOBILE HOME	60	12.5
HOTEL/MOTEL	63	13.2
RV/TENT	14	2.9
OTHER	8	1.7

TYPE OF RESIDENCE EXPECT TO HAVE

RESTEXPT	FREQUENCY	PERCENT
MISSING DATA	44	9.2
DETACHED SF HOME	154	32.2
ATTACHED SF HOME	53	11.1
APARTMENT	100	20.9
MOBILE HOME	71	14.8
HOTEL/MOTEL	29	6.1
RV/TENT	20	4.2
OTHER	8	1.7



APPENDIX A  
 2. FOURTH QUARTER 1986 IMMIGRANT WORKERS (N=479)  
 SELECTED FREQUENCIES FOR FOURTH QTR IMMIGRANT

DID YOU OWN OR RENT PRIOR TO JUNE, 1984

OWNJUNE	FREQUENCY	PERCENT
MISSING DATA	12	2.5
RENT	208	43.4
OWN	259	54.1

DO YOU OWN OR RENT CURRENTLY

OWNCURR	FREQUENCY	PERCENT
MISSING DATA	25	5.2
RENT	268	55.9
OWN	186	38.8

DO YOU EXPECT TO OWN OR RENT

OWNEXPT	FREQUENCY	PERCENT
MISSING DATA	60	12.5
RENT	273	57.0
OWN	146	30.5

APPENDIX A  
2. FOURTH QUARTER IMMIGRANTS  
SELECTED CUMULATIVE FREQUENCIES FOR FOURTH QTR IMMIGRANT

## AGE OF WORKER

AGE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
18	142	29.6	142	29.6
19	1	0.2	143	29.9
20	1	0.2	144	30.1
21	2	0.4	146	30.5
22	5	1.0	151	31.5
23	1	0.2	152	31.7
24	8	1.7	160	33.4
25	8	1.7	168	35.1
26	6	1.3	174	36.3
27	9	1.9	183	38.2
28	13	2.7	196	40.9
29	12	2.5	208	43.4
30	10	2.1	218	45.5
31	10	2.1	228	47.6
32	12	2.5	240	50.1
33	11	2.3	251	52.4
34	10	2.1	261	54.5
35	7	1.5	268	55.9
36	20	4.2	288	60.1
37	8	1.7	296	61.8
38	10	2.1	306	63.9
39	13	2.7	319	66.6
40	5	1.0	324	67.6
41	3	0.6	327	68.3
42	5	1.0	332	69.3
43	13	2.7	345	72.0
44	15	3.1	360	75.2
45	9	1.9	369	77.0
46	7	1.5	378	78.9
47	10	2.1	385	80.4
48	5	1.0	395	82.5
49	3	0.6	400	83.5
50	11	2.3	403	84.1
51	8	1.7	414	86.4
52	6	1.3	422	88.1
53	6	1.3	428	89.4
54	12	2.5	434	90.6
55	7	1.5	446	93.1
56	3	0.6	453	94.6
57	5	1.0	456	95.2
58	3	0.6	461	96.2
59	5	1.0	464	96.9
60	3	0.6	469	97.9
61	3	0.6	472	98.5
62	2	0.4	475	99.2
63	1	0.2	477	99.6
64	1	0.2	478	99.8
			479	100.0

APPENDIX A  
 2. FOURTH QUARTER IMMIGRANTS  
 SELECTED CUMULATIVE FREQUENCIES FOR FOURTH QTR IMMIGRANT  
 YEARS OF EDUCATION OF WORKER

EDUC1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
8	112	23.4	112	23.4
9	5	1.0	117	24.4
10	3	0.6	120	25.1
11	2	0.4	122	25.5
12	2	0.4	124	25.9
13	152	31.7	276	57.6
14	9	1.9	285	59.5
15	8	1.7	293	61.2
16	88	18.4	381	79.5
17	70	14.6	451	94.2
18	17	3.5	468	97.7
	11	2.3	479	100.0

APPENDIX A  
2. FOURTH QUARTER INMIGRANTS  
MEANS OF SELECTED VARIABLES-FOURTH QTR INMIGRANTS

16:36 MONDAY, MARCH 2, 1987 8

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM
PERSONS	NUMBER OF PERSONS IN PERM HOUSEHOLD	468	2.84401709	1.52468149	1.000000000	8.00000000	0.07047843	1331.0000
AGE1	AGE OF WORKER	337	39.26706231	10.88357822	18.00000000	64.00000000	0.59286628	13233.0000
EDUC1	YEARS OF EDUCATION OF WORKER	367	13.86648501	2.09895743	8.00000000	18.00000000	0.10956469	5089.0000
MANY	NUMBER OF WORKERS WITH WHOM SHARE QTRS	70	1.44285714	0.71496862	1.00000000	4.00000000	0.08545509	101.0000

APPENDIX A  
 2. FOURTH QUARTER IMMIGRANTS  
 ANALYSIS OF ELEMENTARY STUDENTS OF FOURTH QTR IMMIGRANTS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT		
	P	T	
	ELEM	ELEM	
	SUM	SUM	
ARE YOU AN IMMIGRANT			
V	38.00	54.00	

APPENDIX A  
2. FOURTH QUARTER IMMIGRANTS  
ANALYSIS OF JRHIGH STUDENTS OF FOURTH QTR IMMIGRANTS ACCORDING TO RESIDENCE

PERMANENT OR TEMPORARY RESIDENT	
P	T
JRHI	JRHI
SUM	SUM
ARE YOU AN IMMIGRANT	
Y	14.00
	38.00

	PERMANENT OR TEMPORARY RESIDENT		
	P	T	
	SRHI	SRHI	
	SUM	SUM	
ARE YOU AN INMIGRANT			
Y	19.00	47.00	

APPENDIX A  
2. FOURTH QUARTER IMMIGRANTS  
CROSSTAB OF FOURTH QTR IMMIGRANTS BY POSITION AND RESIDENCE TYPE

TABLE OF WORKER BY RESIDENT

WORKER(WORKER CATEGORY)      RESIDENT(PERMANENT OR TEMPORARY RESIDENT)

FREQUENCY PERCENT ROW PCT COL PCT	P		T		TOTAL
ASSEMBLY & CHECK	6	56	117	173	37.86
	.	12.25	25.60		
	.	32.37	67.63		
	.	35.00	39.39		
CONSTRUCTION	6	15	98	113	24.73
	.	3.28	21.44		
	.	13.27	86.73		
	.	9.37	33.00		
FEDERAL CIVILIAN	8	65	37	102	22.32
	.	14.22	8.10		
	.	63.73	36.27		
	.	40.62	12.46		
FEDERAL MILITARY	2	19	37	56	12.25
	.	4.16	8.10		
	.	33.93	66.07		
	.	11.87	12.46		
OTHER CONTRACTOR	0	5	8	13	2.84
	.	1.09	1.75		
	.	38.46	61.54		
	.	3.12	2.69		
TOTAL	.	160	297	457	100.00
	.	35.01	64.99		

FREQUENCY MISSING = 22



## APPENDIX A

2. FOURTH QUARTER INMIGRANTS  
CROSSTAB OF FOURTH QTR INMIGRANTS BY POSITION AND RESIDENCE TYPE JUNE 84

TABLE OF WORKER BY RESI JUNE

WORKER(WORKER CATEGORY)		RESI JUNE(TYPE OF RESIDENCE PRIOR TO JUNE, 1984)									
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE HOME	H HOTEL	MO RV	TENT	OTHER	TOTAL	
ASSEMBLY & CHECK	3	94	23	25	31	1	1	1	1	176	
	.	19.92	4.87	5.30	6.57	0.21	0.21	0.21	0.21	37.29	
	.	53.41	13.07	14.20	17.61	0.57	0.57	0.57	0.57		
	.	38.21	35.38	31.25	50.00	50.00	14.29	14.29	10.00		
CONSTRUCTION	0	55	12	25	18	0	5	4		119	
	.	11.65	2.54	5.30	3.81	0.00	1.06	0.85	0.85	25.21	
	.	46.22	10.08	21.01	15.13	0.00	4.20	3.36	3.36		
	.	22.36	18.46	31.25	29.03	0.00	71.43	40.00	40.00		
FEDERAL CIVILIAN	3	64	14	14	12	1	1	1	1	107	
	.	13.56	2.97	2.97	2.54	0.21	0.21	0.21	0.21	22.67	
	.	59.81	13.08	13.08	11.21	0.93	0.93	0.93	0.93		
	.	26.02	21.54	17.50	19.35	50.00	14.29	10.00	10.00		
FEDERAL MILITARY	1	24	14	14	1	0	0	4		57	
	.	5.08	2.97	2.97	0.21	0.00	0.00	0.85	0.85	12.08	
	.	42.11	24.56	24.56	1.75	0.00	0.00	7.02	7.02		
	.	9.76	21.54	17.50	1.61	0.00	0.00	40.00	40.00		
OTHER CONTRACTOR	0	9	2	2	0	0	0	0	0	13	
	.	1.91	0.42	0.42	0.00	0.00	0.00	0.00	0.00	2.75	
	.	69.23	15.38	15.38	0.00	0.00	0.00	0.00	0.00		
	.	3.66	3.08	2.50	0.00	0.00	0.00	0.00	0.00		
TOTAL	.	246	65	80	62	2	7	10		472	
	.	52.12	13.77	16.95	13.14	0.42	1.48	2.12		100.00	

FREQUENCY MISSING = 7

## APPENDIX A

2. FOURTH QUARTER IMMIGRANTS  
CROSSTAB OF FOURTH QTR IMMIGRANTS BY POSITION AND CURRENT RESIDENCE TYPE

TABLE OF WORKER BY RESICURR

WORKER(WORKER CATEGORY) RESICURR(TYPE OF RESIDENCE CURRENTLY)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMENT T	MOBILE HOME OME	HOTEL/MO TEL	RV/TENT	OTHER	TOTAL
ASSEMBLY & CHECK	6	70	22	25	19	32	4	1	173
	.	15.02	4.72	5.36	4.08	6.87	0.86	0.21	37.12
	.	40.46	12.72	14.45	10.98	18.50	2.31	0.58	
	.	37.84	39.29	31.25	31.67	50.79	28.57	12.50	
CONSTRUCTION	5	46	11	16	27	5	8	1	114
	.	9.87	2.36	3.43	5.79	1.07	1.72	0.21	24.46
	.	40.35	9.65	14.04	23.68	4.39	7.02	0.88	
	.	24.86	19.64	20.00	45.00	7.94	57.14	12.50	
FEDERAL CIVILIAN	1	39	13	19	11	22	2	3	109
	.	8.37	2.79	4.08	2.36	4.72	0.43	0.64	23.39
	.	35.78	11.93	17.43	10.09	20.18	1.83	2.75	
	.	21.08	23.21	23.75	18.33	34.92	14.29	37.50	
FEDERAL MILITARY	1	20	8	19	3	4	0	3	57
	.	4.29	1.72	4.08	0.64	0.86	0.00	0.64	12.23
	.	35.09	14.04	33.33	5.26	7.02	0.00	5.26	
	.	10.81	14.29	23.75	5.00	6.35	0.00	37.50	
OTHER CONTRACTOR	0	10	2	1	0	0	0	0	13
	.	2.15	0.43	0.21	0.00	0.00	0.00	0.00	2.79
	.	76.92	15.38	7.69	0.00	0.00	0.00	0.00	
	.	5.41	3.57	1.25	0.00	0.00	0.00	0.00	
TOTAL	.	185	56	80	60	63	14	8	466
	.	39.70	12.02	17.17	12.88	13.52	3.00	1.72	100.00

FREQUENCY MISSING = 13

## APPENDIX A

2. FOURTH QUARTER INMIGRANTS  
CROSSTAB OF FOURTH QTR INMIGRANTS BY POSITION AND EXPECTED RESIDENCE TYPE

## TABLE OF WORKER BY RESIEXPT

WORKER(WORKER CATEGORY)		RESIEXPT(TYPE OF RESIDENCE EXPECT TO HAVE)										
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE H OME	HOTEL/MO TEL	RV/TENT	OTHER	TOTAL			
ASSEMBLY & CHECK	18	69	23	43	17	5	3	1	161			
	.	15.86	5.29	9.89	3.91	1.15	0.69	0.23	37.01			
	.	42.86	14.29	26.71	10.56	3.11	1.86	0.62				
	.	44.81	43.40	43.00	23.94	17.24	15.00	12.50				
CONSTRUCTION	12	9	2	25	30	24	15	2	107			
	.	2.07	0.46	5.75	6.90	5.52	3.45	0.46	24.60			
	.	8.41	1.87	23.36	28.04	22.43	14.02	1.87				
	.	5.84	3.77	25.00	42.25	82.76	75.00	25.00				
FEDERAL CIVILIAN	9	46	15	18	18	0	2	2	101			
	.	10.57	3.45	4.14	4.14	0.00	0.46	0.46	23.22			
	.	45.54	14.85	17.82	17.82	0.00	1.98	1.98				
	.	29.87	28.30	18.00	25.35	0.00	10.00	25.00				
FEDERAL MILITARY	3	22	11	13	6	0	0	3	55			
	.	5.06	2.53	2.99	1.38	0.00	0.00	0.69	12.64			
	.	40.00	20.00	23.64	10.91	0.00	0.00	5.45				
	.	14.29	20.75	13.00	8.45	0.00	0.00	37.50				
OTHER CONTRACTOR	2	8	2	1	0	0	0	0	11			
	.	1.84	0.46	0.23	0.00	0.00	0.00	0.00	2.53			
	.	72.73	18.18	9.09	0.00	0.00	0.00	0.00				
	.	5.19	3.77	1.00	0.00	0.00	0.00	0.00				
TOTAL	.	154	53	100	71	29	20	8	435			
	.	35.40	12.18	22.99	16.32	6.67	4.60	1.84	100.00			

FREQUENCY MISSING = 44

APPENDIX A  
 2. FOURTH QUARTER IMMIGRANTS  
 CROSSTAB OF FOURTH QTR IMMIGRANTS BY POSITION AND IMMIGRANT STATUS

TABLE OF WORKER BY RELOCATE

WORKER(WORKER CATEGORY)  
 RELOCATE(ARE YOU AN IMMIGRANT)

FREQUENCY PERCENT ROW PCT COL PCT	Y	TOTAL
ASSEMBLY & CHECK	179 37.37 100.00 37.37	179 37.37
CONSTRUCTION	119 24.84 100.00 24.84	119 24.84
FEDERAL CIVILIAN	110 22.96 100.00 22.96	110 22.96
FEDERAL MILITARY	58 12.11 100.00 12.11	58 12.11
OTHER CONTRACTOR	13 2.71 100.00 2.71	13 2.71
TOTAL	479 100.00	479 100.00

APPENDIX A  
2. FOURTH QUARTER IMMIGRANTS  
BAR GRAPH OF FOURTH QTR IMMIGRANT PRIOR STATE OF RESIDENCE

FREQUENCY BAR CHART

PRIORST	HOME STATE PRIOR TO JUNE, 1984	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AK	D	1	1	0.21	0.21
AR	C	1	2	0.21	0.42
AZ	BB	3	5	0.63	1.06
CA	ABBBB	61	66	12.90	13.95
CO	ABBBB	51	117	10.78	24.74
DE	B	1	118	0.21	24.95
FL	BCCCC	8	126	1.69	26.64
GA	CC	2	128	0.42	27.06
ID	BBCCCCDDDD	10	138	2.11	29.18
IL	CCC	3	141	0.63	29.81
KS	ABCCCCC	9	150	1.90	31.71
MA	BBC	3	153	0.63	32.35
MD	B	1	154	0.21	32.56
ME	C	1	155	0.21	32.77
MI	CCCD	4	159	0.85	33.62
MN	D	1	160	0.21	33.83
MO	ABBBBCCCCDD	13	173	2.75	36.58
MS	C	1	174	0.21	36.79
MT	BBBBBCCCCCCCCCCCCDDDDDD	24	198	5.07	41.86
ND	AABBBBCCCCCCCCCCCCCCCCDDDD	28	226	5.92	47.78
NE	BBBBBCCCCCCCCCCCCCCCCDDDD	20	246	4.23	52.01
NH	C	1	247	0.21	52.22
NM	CCC	3	250	0.63	52.85
NV	CCCD	4	254	0.85	53.70
NY	CD	2	256	0.42	54.12
OH	CCCCD	5	261	1.06	55.18
OK	C	1	262	0.21	55.39
OR	C	1	263	0.21	55.60
PA	B	1	264	0.21	55.81
SD	BBBBBBBCCCCCCCCCCCCDDDDDD	21	285	4.44	60.25
TN	B	1	286	0.21	60.47
TX	BCC	3	289	0.63	61.10
UT	BBBBBBBCCCCCCCCCCCCCCCCCCCCDDDD	51	340	10.78	71.88
WA	BBBBBBBCCCCCCCCCCCCCCCCCCCCCCCCDDDDDDDD	64	404	13.53	85.41
WV	ABBBBCCCCCCCCCCCCCCCCCCCCCCCCDDDDDDDDDD	53	457	11.21	96.62
XX	BBBBBCCCCCCCCDD	16	473	3.38	100.00

FREQUENCY

SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY
A	B	C	D
MISSING DATA	SINGLE	WITH FAMILY	WITHOUT FAMILY

APPENDIX A  
2. FOURTH QUARTER IMMIGRANTS  
BAR GRAPH OF FOURTH QTR IMMIGRANT CURRENT STATE OF RESIDENCE  
FREQUENCY BAR CHART

[illegible]

20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360

**FREQUENCY**

SYMBOL FAMILY		SYMBOL FAMILY		SYMBOL FAMILY	
A	MISSING DATA	B	SINGLE	C	WITH FAMILY
				D	WITHOUT FAMILY



APPENDIX A  
2. FOURTH QUARTER IMMIGRANTS  
BAR GRAPH OF FOURTH QTR IMMIGRANTS PERMANENT STATES OF RESIDENCE  
FREQUENCY BAR CHART

[illegible]

FREQUENCY			
SYMBOL	FAMILY	SYMBOL	FAMILY
A	MISSING DATA	B	SINGLE
		C	WITH FAMILY
		D	WITHOUT FAMILY



APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

## FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
ACCURATE FLOOR P	38	2.4
ACME FOX EQUIPME	2	0.1
ANDERSON HIGHWAY	2	0.1
ANDERSON SIGNS	5	0.3
AULICK LEASING	3	0.2
AUTOMATIC SPRINK	7	0.4
AZTEC CONSTRUCT-I	2	0.1
B&G STEEL	7	0.4
BOEING	5	0.3
BURCH ELECTRIC	222	14.0
C & M READY MI	16	1.0
CARRY MASONARY	2	0.1
CENTERLINE CONST	1	0.1
CLARK EXCAVATION	5	0.3
CMD	1	0.1
COE	33	2.1
CONSOLIDATED CON	42	2.6
COOK MCCANN CONC	22	1.4
CORTEZ	21	1.3
D & D FLATWORK	6	0.4
DEPENDABLE PLUMB	7	0.4
DET 60	8	0.5
EARTHMOVER CONST	62	3.9
EDWARDS CONSTRU	4	0.3
EMPIRE LAB	5	0.3
EMULSIFIED ASPHA	2	0.1
ENERGY ELECTRIC	24	1.5
ESQUIRE ELECTRIC	4	0.3
EXECUTIVE SIGNS	1	0.1
F.R.J. CORP	2	0.1
FHWA	10	0.6
FIRE ENGINEERING	37	2.3
FISHERS INC.	1	0.1
FITCH ELECTRIC	2	0.1
FLOYD WRIGHT	11	0.7
G & M FENCING	3	0.2
GILPATRICK CONST	3	0.2
GROATHOUSE	14	0.9
GEE	10	0.6
HAMMOND L S INC	2	0.1
HARDRIES INC.	2	0.1
HAYNES TRANE SER	15	0.9
HEALY	2	0.1
HEINRICH'S RAYNO	39	2.5
HERDMAN ELECTRIC	2	0.1
HCHFSCHNEIDER CO	3	0.2
HONEYWELL		1.6
HURST		0.4
INDEPENDENT PLUM		1.0
INTERMOUNTAIN CO	1	0.1
INTERMOUNTAIN IN	1	0.1

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
INTERMOUNTAIN PR	3	0.2
JOHNSON CONTROLS	2	0.1
KILLION TRUCKING	1	0.1
L & L INSULATION	2	0.1
L H SOWLES CO	24	1.5
LE RAY EMEN	1	0.1
LEV	1	0.1
LOVELAND EXC. CO	19	1.2
M AND H CONTRACT	4	0.3
MARTIN MARIETTA	7	0.4
MECHANICAL SYSTE	3	0.2
MENTER SAND & GR	7	0.4
METRO FENCE COMP	3	0.2
MIDWEST TESTING	1	0.1
MILLER STEWART I	13	0.8
MONARCH SHEET ME	5	0.3
MR LIGHTNING	2	0.1
N.A.A.	4	0.3
NORTH AMERICAN I	1	0.1
NORTH. IMPROVE.	80	5.0
NORTHERN TESTING	1	0.1
NOVA GROUP INC.	41	2.6
OVERHEAD DOOR	2	0.1
OWL	88	5.6
P. HOGAN CO.	4	0.3
PARKE MITCHELL	7	0.4
PERRETT CONSTRUC	11	0.7
PHILLIPS CONSTRU	10	0.6
PLATTE VALLEY	32	2.0
PLATTE VALLEY GR	2	0.1
PRAIRIE FIRE	2	0.1
Q I OF DENVER	4	0.3
QM COMPANY INC.	6	0.4
R C STEEL	3	0.2
RA&S	2	0.1
READ AND CLARK C	6	0.4
RICHARD O'BRIEN	17	1.1
ROBINSON CONST.	1	0.1
ROCKWELL INTNL	3	0.2
SIMPSON ELECTRIC	2	0.1
SIMS CORP	4	0.3
SPIEGELBERG	26	1.6
STEELOCK FENCE C	1	0.1
STEIL SURVEYING	4	0.3
STERLING PAVING	11	0.7
TERRA CONSTRUCTI	1	0.1
TETON CONSTRUCTI	2	0.1
TETRA TECH	2	0.1
TOBLER CONSTRUCT	2	0.1
TOOL & ANCHOR SU	1	0.1
TRW	6	0.4
TYGER CONSTRUCTI	114	7.2

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

17:23 MONDAY, MAR 11 2, 1987 3

FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
UNITED MATERIALS	5	0.3
UNITED ROOFING	5	0.3
URS-BERGER	9	0.6
US FOREST SERVIC	3	0.2
USAF	64	4.0
USDA	5	0.3
UTE WESTERN	46	2.9
VROOMAN CONSTRUC	54	3.4
W P DALE ELECTRI	1	0.1
WESTERN ELECTRIC	1	0.1
WESTERN PIPELINE	1	0.1
WESTERN SHEET ME	9	0.6
WESTINGHOUSE	8	0.5
WILLMAR	6	0.4

WORKER CATEGORY

WORKER	FREQUENCY	PERCENT
ASSEMBLY & CHECK	310	19.6
CONSTRUCTION	998	63.0
FEDERAL CIVILIAN	182	11.5
FEDERAL MILITARY	64	4.0
OTHER CONTRACTOR	31	2.0

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

NAME OF UNION MEMBERSHIP		
UNION	FREQUENCY	PERCENT
-----		
AEROSPACE	1326	83.7
AFL/CIO	8	0.5
CARPENTER UNION	1	0.1
CEMENT MASON LOC	13	0.8
IAM	3	0.2
IBEW	48	3.0
INTERNATIONAL UN	35	2.2
IRONWORKERS LOCA	1	0.1
JIE	54	3.4
LABORERS	1	0.1
LOCAL	17	1.1
MACHINISTS	25	1.6
OPEN SHOP	5	0.3
OPERATING ENGINE	2	0.1
PAINTER & DRVWAL	3	0.2
PLUMBERS & PIPEF	3	0.2
ROOFERS LOCAL	13	0.8
SHEET METAL WORK	9	0.6
SPRINKLER FITTER	4	0.3
TEAMSTERS	2	0.1
	12	0.8

ARE YOU AN IMMIGRANT

RELOCATE	FREQUENCY	PERCENT
-----		
MISSING DATA	25	1.6
NO	873	55.1
YES	687	43.3

STATUS OF FAMILY

FAMILY	FREQUENCY	PERCENT
-----		
MISSING DATA	427	26.9
WITHOUT FAMILY	209	13.2
SINGLE	500	31.5
WITH FAMILY	449	28.3

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

PERMANENT OR TEMPORARY RESIDENT			
RESIDENT	FREQUENCY	PERCENT	
MISSING DATA	85	5.4	
PERMANENT	856	54.0	
TEMPORARY	644	40.6	

WEEKLY OR DAILY COMMUTER			
COMMUTER	FREQUENCY	PERCENT	
MISSING DATA	514	32.4	
DAILY	873	55.1	
WEEKLY	198	12.5	

MARITAL STATUS-MARRIED, OTHER, OR SINGLE

MARST	FREQUENCY	PERCENT	
MISSING DATA	8	0.5	
MARRIED	1025	64.7	
OTHER	52	3.3	
SINGLE	500	31.5	

NUMBER OF PERSONS IN PERM HOUSEHOLD

PERSONS	FREQUENCY	PERCENT	
.	30	1.9	
1	323	20.4	
2	363	22.9	
3	304	19.2	
4	337	21.3	
5	156	9.8	
6	45	2.8	
7	23	1.5	
8	3	0.2	
10	1	0.1	

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

## SEX OF WORKER

SEX1	FREQUENCY	PERCENT
F	72	4.5
M	158	10.0
	1355	85.5

## DO YOU SHARE QTRS WITH OTHER WORKERS

SHARE	FREQUENCY	PERCENT
N	24	1.5
Y	1296	81.8
	265	16.7

## NUMBER OF WORKERS WITH WHOM SHARE QTRS

MANY	FREQUENCY	PERCENT
1	1333	84.1
2	174	11.0
3	46	2.9
4	21	1.3
9	10	0.6
	1	0.1

## TYPE OF RESIDENCE PRIOR TO JUNE, 1984

RESI JUNE	FREQUENCY	PERCENT
MISSING DATA	48	3.0
DETACHED SF HOME	769	48.5
ATTACHED SF HOME	188	11.9
APARTMENT	277	17.5
MOBILE HOME	246	15.5
HOTEL/MOTEL	11	0.7
RV/TENT	23	1.5
OTHER	23	1.5

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

TYPE OF RESIDENCE CURRENTLY

RESICURR	FREQUENCY	PERCENT
MISSING DATA	53	3.3
DETACHED SF HOME	683	43.1
ATTACHED SF HOME	171	10.8
APARTMENT	263	16.6
MOBILE HOME	263	16.6
HOTEL/MOTEL	93	5.9
RV/TENT	40	2.5
OTHER	19	1.2

TYPE OF RESIDENCE EXPECT TO HAVE

RESIEXPT	FREQUENCY	PERCENT
MISSING DATA	200	12.6
DETACHED SF HOME	541	34.1
ATTACHED SF HOME	135	8.5
APARTMENT	275	17.4
MOBILE HOME	216	13.6
HOTEL/MOTEL	111	7.0
RV/TENT	82	5.2
OTHER	25	1.6

DID YOU OWN OR RENT PRIOR TO JUNE, 1984

OWNJUNE	FREQUENCY	PERCENT
MISSING DATA	68	4.3
RENT	714	45.0
OWN	803	50.7

DO YOU OWN OR RENT CURRENTLY

OWNCURR	FREQUENCY	PERCENT
MISSING DATA	108	6.8
RENT	740	46.7
OWN	737	46.5

APPENDIX A  
3. ALL WORKERS (N=1585)  
SELECTED FREQUENCIES FOR ALL WORKERS

DO YOU EXPECT TO OWN OR RENT		
OWNEXPT	FREQUENCY	PERCENT
MISSING DATA	244	15.4
RENT	735	46.4
OWN	606	38.2



## APPENDIX A

## SELECTED CUMULATIVE FREQUENCIES FOR ALL WORKERS

## AGE OF WORKER

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
16	2	0.2	2	0.2
17	1	0.1	3	0.2
18	9	0.7	12	1.0
19	13	1.1	25	2.0
20	21	1.7	46	3.8
21	26	2.1	72	5.9
22	26	2.1	98	8.0
23	46	3.8	144	11.7
24	53	4.3	197	16.1
25	35	2.9	232	18.9
26	50	4.1	282	23.0
27	54	4.4	336	27.4
28	48	3.9	384	31.3
29	51	4.2	435	35.5
30	44	3.6	479	39.1
31	47	3.8	526	42.9
32	43	3.5	569	46.4
33	39	3.2	608	49.6
34	35	2.9	643	52.4
35	53	4.3	696	56.8
36	27	2.2	723	59.0
37	37	3.0	760	62.0
38	35	2.9	795	64.8
39	26	2.1	821	67.0
40	20	1.6	841	68.6
41	22	1.8	863	70.4
42	31	2.5	894	72.9
43	28	2.3	922	75.2
44	22	1.8	944	77.0
45	27	2.2	971	79.2
46	17	1.4	988	80.6
47	21	1.7	1009	82.3
48	16	1.3	1025	83.6
49	17	1.4	1042	85.0
50	26	2.1	1068	87.1
51	18	1.5	1086	88.6
52	16	1.3	1102	89.9
53	17	1.4	1119	91.3
54	22	1.8	1141	93.1
55	19	1.5	1160	94.6
56	12	1.0	1172	95.6
57	12	1.0	1184	96.6
58	6	0.5	1190	97.1
59	11	0.9	1201	98.0
60	7	0.6	1208	98.5
61	7	0.6	1215	99.1
62	3	0.2	1218	99.3
63	2	0.2	1220	99.5
64	2	0.2	1222	99.7
65	2	0.2	1224	99.8

## APPENDIX A

17:24 MONDAY, MARCH 2, 1987 10

## SELECTED CUMULATIVE FREQUENCIES FOR ALL WORKERS

## AGE OF WORKER

AGE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
66	1	0.1	1225	99.9
76	1	0.1	1226	100.0

## YEARS OF EDUCATION OF WORKER

EDUC1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	350	.2	2	0.2
6	2	0.2	4	0.3
8	32	2.6	36	2.9
9	12	1.0	48	3.9
10	30	2.4	78	6.3
11	32	2.6	110	8.9
12	615	49.8	725	58.7
13	27	2.2	752	60.9
14	36	2.9	788	63.8
15	256	20.7	1044	84.5
16	153	12.4	1197	96.9
17	22	1.8	1219	98.7
18	16	1.3	1235	100.0

## APPENDIX A

17:24 MONDAY, MARCH 2, 1987 11

## MEANS OF SELECTED VARIABLES-ALL WORKERS

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM
PERSONS	NUMBER OF PERSONS IN PERM HOUSEHOLD	1555	2.92861736	1.50183854	1.00000000	10.00000000	0.03808536	4554.0000
AGE1	AGE OF WORKER	1226	35.73327896	10.99267965	16.00000000	76.00000000	0.31394845	43809.0000
EDUC1	YEARS OF EDUCATION OF WORKER	1235	13.12955466	2.12251786	1.00000000	18.00000000	0.06039735	16215.0000
MANY	NUMBER OF WORKERS WITH WHOM SHARE QTRS	252	1.50000000	0.93833794	1.00000000	9.00000000	0.05910973	378.0000

APPENDIX A

ANALYSIS OF ELEMENTARY STUDENTS OF ALL WORKERS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT			
	P	T		
	ELEM	ELEM		
	SUM	SUM		
ARE YOU AN INMIGRANT				
N	161.00	21.00		
Y	43.00	90.00		

APPENDIX A

ANALYSIS OF JRHIGH STUDENTS OF ALL WORKERS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT		
	P	T	
	JRHI	JRHI	
	SUM	SUM	
ARE YOU AN INMIGRANT			
N	109.00	15.00	
Y	17.00	63.00	

APPENDIX A

ANALYSIS OF SRHIGH STUDENTS OF ALL WORKERS ACCORDING TO RESIDENCE

17:26 MONDAY, MARCH 2, 1987 14

	PERMANENT OR TEMPORARY RESIDENT			
	P	T	SRHI	T
	SRHI			SRHI
	SUM			SUM
ARE YOU AN IMMIGRANT				
N	118.00			18.00
V	23.00			74.00

## APPENDIX A

## CROSSTAB OF ALL WORKERS BY POSITION AND RESIDENCE TYPE

TABLE OF WORKER BY RESIDENT

WORKER(WORKER CATEGORY)      RESIDENT(PERMANENT OR TEMPORARY RESIDENT)

FREQUENCY PERCENT ROW PCT COL PCT	P		T		TOTAL
ASSEMBLY & CHECK	8	167	135		302
		11.13	9.00		20.13
		55.30	44.70		
		19.51	20.96		
CONSTRUCTION	62	552	384		936
		36.80	25.60		62.40
		58.97	41.03		
		64.49	59.63		
FEDERAL CIVILIAN	13	100	69		169
		6.67	4.60		11.27
		59.17	40.83		
		11.68	10.71		
FEDERAL MILITARY	2	23	39		62
		1.53	2.60		4.13
		37.10	62.90		
		2.69	6.06		
OTHER CONTRACTOR	0	14	17		31
		0.93	1.13		2.07
		45.16	54.84		
		1.64	2.64		
TOTAL		856	644		1500
		57.07	42.93		100.00

FREQUENCY MISSING = 85

## APPENDIX A

17:27 MONDAY, MARCH 2, 1987 16

## CROSSTAB OF ALL WORKERS BY POSITION AND RESIDENCE TYPE JUNE 84

## TABLE OF WORKER BY RESIJUNE

WORKER(WORKER CATEGORY) RESIJUNE(TYPE OF RESIDENCE PRIOR TO JUNE, 1984)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE H OME	H HOTEL	MO TEL	RV/TENT	OTHER	TOTAL
ASSEMBLY & CHECK	7	161	40	45	50	3	1	3	303	
	.	10.47	2.60	2.93	3.25	0.20	0.07	0.20	19.71	
	.	53.14	13.20	14.85	16.50	0.99	0.33	0.99		
	.	20.94	21.28	16.25	20.33	27.27	4.35	13.04		
CONSTRUCTION	37	460	109	176	175	6	21	14	961	
	.	29.93	7.09	11.45	11.39	0.39	1.37	0.91	62.52	
	.	47.87	11.34	18.31	18.21	0.62	2.19	1.46		
	.	59.82	57.98	63.54	71.14	54.55	91.30	60.87		
FEDERAL CIVILIAN	3	102	22	33	18	2	1	1	179	
	.	6.64	1.43	2.15	1.17	0.13	0.07	0.07	11.65	
	.	56.98	12.29	18.44	10.06	1.12	0.56	0.56		
	.	13.26	11.70	11.91	7.32	18.18	4.35	4.35		
FEDERAL MILITARY	1	28	14	15	1	0	0	5	63	
	.	1.82	0.91	0.98	0.07	0.00	0.00	0.33	4.10	
	.	44.44	22.22	23.81	1.59	0.00	0.00	7.94		
	.	3.64	7.45	5.42	0.41	0.00	0.00	21.74		
OTHER CONTRACTOR	0	18	3	8	2	0	0	0	31	
	.	1.17	0.20	0.52	0.13	0.00	0.00	0.00	2.02	
	.	58.06	9.68	25.81	6.45	0.00	0.00	0.00		
	.	2.34	1.60	2.89	0.81	0.00	0.00	0.00		
TOTAL	.	769	188	277	246	11	23	23	1537	
	.	50.03	12.23	18.02	16.01	0.72	1.50	1.50	100.00	

FREQUENCY MISSING = 48



## APPENDIX A

17:28 MONDAY, MARCH 2, 1987 17

## CROSSTAB OF ALL WORKERS BY POSITION AND CURRENT RESIDENCE TYPE

## TABLE OF WORKER BY RESICURR

WORKER(WORKER CATEGORY) RESICURR(TYPE OF RESIDENCE CURRENTLY)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE H OME	HOTEL/MO TEL	RV/TENT	OTHER	TOTAL
ASSEMBLY & CHECK	10	139	42	41	39	32	4	3	300
	.	9.07	2.74	2.68	2.55	2.09	0.26	0.20	19.58
	.	46.33	14.00	13.67	13.00	10.67	1.33	1.00	
	.	20.35	24.56	15.59	14.83	34.41	10.00	15.79	
CONSTRUCTION	41	431	96	158	203	27	33	9	957
	.	28.13	6.27	10.31	13.25	1.76	2.15	0.59	62.47
	.	45.04	10.03	16.51	21.21	2.82	3.45	0.94	
	.	63.10	56.14	60.08	77.19	29.03	82.50	47.37	
FEDERAL CIVILIAN	1	70	22	37	16	29	3	4	181
	.	4.57	1.44	2.42	1.04	1.89	0.20	0.26	11.81
	.	38.67	12.15	20.44	8.84	16.02	1.66	2.21	
	.	10.25	12.87	14.07	6.08	31.18	7.50	21.05	
FEDERAL MILITARY	1	23	9	21	3	4	0	3	63
	.	1.50	0.59	1.37	0.20	0.26	0.00	0.20	4.11
	.	36.51	14.29	33.33	4.76	6.35	0.00	4.76	
	.	3.37	5.26	7.98	1.14	4.30	0.00	15.79	
OTHER CONTRACTOR	0	20	2	6	2	1	0	0	31
	.	1.31	0.13	0.39	0.13	0.07	0.00	0.00	2.02
	.	64.52	6.45	19.35	6.45	3.23	0.00	0.00	
	.	2.93	1.17	2.28	0.76	1.08	0.00	0.00	
TOTAL	.	683	171	263	263	93	40	19	1532
	.	44.58	11.16	17.17	17.17	6.07	2.61	1.24	100.00

FREQUENCY MISSING = 53

## CROSSTAB OF ALL WORKERS BY POSITION AND EXPECTED RESIDENCE TYPE

## TABLE OF WORKER BY RESIEXPT

WORKER(WORKER CATEGORY) RESIEXPT(TYPE OF RESIDENCE EXPECT TO HAVE)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE OME	H TEL	MO RV/TENT	OTHER	TOTAL
ASSEMBLY & CHECK	39	124	41	56	35	7	6	2	271
		8.95	2.96	4.04	2.53	0.51	0.43	0.14	19.57
		45.76	15.13	20.66	12.92	2.58	2.21	0.74	
		22.92	30.37	20.36	16.20	6.31	7.32	8.00	
CONSTRUCTION	137	305	59	155	152	99	74	17	861
		22.02	4.26	11.19	10.97	7.15	5.34	1.23	62.17
		35.42	6.85	18.00	17.65	11.50	8.59	1.97	
		56.38	43.70	56.36	70.37	89.19	90.24	68.00	
FEDERAL CIVILIAN	18	70	22	44	21	2	2	3	164
		5.05	1.59	3.18	1.52	0.14	0.14	0.22	11.84
		42.68	13.41	26.83	12.80	1.22	1.22	1.83	
		12.94	16.30	16.00	9.72	1.80	2.44	12.00	
FEDERAL MILITARY	4	25	11	15	6	0	0	3	60
		1.81	0.79	1.08	0.43	0.00	0.00	0.22	4.33
		41.67	18.33	25.00	10.00	0.00	0.00	5.00	
		4.62	8.15	5.45	2.78	0.00	0.00	12.00	
OTHER CONTRACTOR	2	17	2	5	2	3	0	0	29
		1.23	0.14	0.36	0.14	0.22	0.00	0.00	2.09
		58.62	6.90	17.24	6.90	10.34	0.00	0.00	
		3.14	1.48	1.82	0.93	2.70	0.00	0.00	
TOTAL		541	135	275	216	111	82	25	1385
		39.06	9.75	19.86	15.60	8.01	5.92	1.81	100.00

FREQUENCY MISSING = 200

# APPENDIX A

17:29 MONDAY, MARCH 2, 1987 15

## CROSSTAB OF ALL WORKERS BY POSITION AND IMMIGRANT STATUS

TABLE OF WORKER BY RELOCATE

WORKER(WORKER CATEGORY) RELOCATE(ARE YOU AN IMMIGRANT)

FREQUENCY PERCENT ROW PCT COL PCT	N		Y		TOTAL
ASSEMBLY & CHECK	3	128	179		307
		8.21	11.47		19.68
		41.69	58.31		
		14.66	26.06		
CONSTRUCTION	17	678	303		981
		43.46	19.42		62.88
		69.11	30.89		
		77.66	44.10		
FEDERAL CIVILIAN	5	51	126		177
		3.27	8.08		11.35
		28.81	71.19		
		5.84	18.34		
FEDERAL MILITARY	0	4	60		64
		0.26	3.85		4.10
		6.25	93.75		
		0.46	8.73		
OTHER CONTRACTOR	0	12	19		31
		0.77	1.22		1.99
		38.71	61.29		
		1.37	2.77		
TOTAL		873	687		1560
		55.96	44.04		100.00

FREQUENCY MISSING = 25

## APPENDIX A

BAR GRAPH OF ALL WORKERS BY STATE OF RESIDENCE

FREQUENCY  $BA^+$  H<sub>2</sub>RT

PRIORST	HOME STATE PRIOR TO JUNE, 1984	FREQ	PERCENT	CUM. PERCENT
AK		3	0.20	0.20
AL		5	0.33	0.52
AR		3	0.20	0.72
AZ		13	0.85	1.57
CA		78	5.10	6.67
CO	ABCCCCCD	193	12.61	19.28
DE	AAAAAABBBBBBCCCCDD	1	0.07	19.35
FL	C	10	0.65	20.00
GA		3	0.20	20.20
ID	BD	20	1.31	21.50
IL		7	0.46	21.96
KS	C	11	0.72	22.68
KY		1	0.07	22.75
LA		1	0.07	22.81
MA		3	0.20	23.01
MD		3	0.20	23.20
ME		1	0.07	23.27
MI		7	0.46	23.73
MN		2	0.13	23.86
MO	BC	19	1.24	25.10
MS		1	0.07	25.16
MT	ABCCD	42	2.75	27.91
ND	ABBBCCDD	64	4.18	32.09
NE	ABBCDD	491	3.07	35.16
NH		47	3.07	38.23
NJ	B	1	0.07	38.30
NM		11	0.72	39.02
NV		4	0.26	39.28
NY		2	0.13	39.41
OH		5	0.33	39.74
OK		3	0.20	39.94
OR	B	10	0.65	40.59
PA		2	0.13	40.72
SC		5	0.33	41.05
SD	BBCCDD	42	2.75	43.80
TN		1	0.07	43.87
TX	BCD	24	1.57	45.44
UT	BCCCCD	62	4.05	49.49
VA		1	0.07	49.56
WA	BBCCCCDD	73	4.77	54.33
WY	AA	728	47.58	101.91
XX	BC	18	1.18	103.09

**FREQUENCY**

SYMBOL FAMILY		SYMBOL FAMILY		SYMBOL FAMILY	
A	MISSING DATA	B	SINGLE	C	WITH FAMILY
				D	WITHOUT FAMILY

APPENDIX A

BAR GRAPH OF ALL WORKERS CURRENT STATE OF RESIDENCE

FREQUENCY BAR CHART

RESIST	STATE IN WHICH CURRENTLY RESIDING	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AZ		3	3	0.20	0.20
CA		2	5	0.13	0.33
CO	AAABBBBCD	167	172	11.19	11.52
FL		1	173	0.07	11.59
ID		3	176	0.20	11.79
IN		1	177	0.07	11.86
KS		3	180	0.20	12.06
MN		1	181	0.07	12.12
MO		3	184	0.20	12.32
MT		15	199	1.00	13.33
ND	D	11	210	0.74	14.07
NE	D	29	239	1.94	16.01
OK		1	240	0.07	16.08
OR		3	243	0.20	16.28
SD		13	256	0.87	17.15
TN		1	257	0.07	17.21
TX		5	262	0.33	17.55
UT		1	263	0.07	17.62
WA		16	279	1.07	18.69
WY	AAAAAAAAAAAAAAAABBBBBBBBBBBBBBBBBBBBBBBBBBBBCCCCCCCCCCCCCCCCCCCCCCCCDDDD	1214	1493	81.31	100.00

FREQUENCY

100 200 300 400 500 600 700 800 900 1000 1100 1200

SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY	SYMBOL FAMILY
A MISSING DATA	B SINGLE	C WITH FAMILY	D WITHOUT FAMILY

APPENDIX A

BAR GRAPH OF ALL WORKERS INTENDED RELOCATING STATE OF RESIDENCE  
FREQUENCY BAR CHART

RELOST STATE TO WHICH ONE INTENDS TO RELOCATE

RELOST	STATE TO WHICH ONE INTENDS TO RELOCATE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AZ		1	1	0.12	0.12
CA		1	2	0.12	0.24
CO	BC	28	30	3.31	3.54
MI		1	31	0.12	3.66
MO		1	32	0.12	3.78
ND		7	39	0.83	4.60
NE		6	45	0.71	5.31
OR		2	47	0.24	5.55
SD		6	53	0.71	6.26
TX		3	56	0.35	6.61
UT		1	57	0.12	6.73
WA		1	58	0.12	6.85
WY	AAAA	789	847	93.15	100.00

FREQUENCY

50 100 150 200 250 300 350 400 450 500 550 600 650 700 750

SYMBOL FAMILY SYMBOL FAMILY SYMBOL FAMILY  
A MISSING DATA B SINGLE C WITH FAMILY D WITHOUT FAMILY

## APPENDIX A

BAR GRAPH OF ALL WORKERS PERMANENT STATES OF RESIDENCE

### FREQUENCY BAR CHART

[illegible]

**FREQUENCY**

SYMBOL FAMILY		SYMBOL FAMILY		SYMBOL FAMILY	
A	MISSING DATA	B	SINGLE	C	WITH FAMILY
				D	WITHOUT FAMILY

APPENDIX A  
4. ALL INMIGRANT WORKERS (N=687)  
SELECTED FREQUENCIES OF INMIGRANT WORKERS

18:39 MONDAY, MARCH 2, 1987 1

FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
ANDERSON HIGHWAY	6	0.9
ANDERSON SIGNS	1	0.1
AULICK LEASING	2	0.3
BOEING	7	1.0
CMD	146	21.3
COE	20	2.9
CONSOLIDATED CON	29	4.2
CORTEZ	4	0.6
DET 60	2	0.3
EMULSIFIED ASPHA	48	7.0
ENERGY ELECTRIC	14	2.0
ESQUIRE ELECTRIC	2	0.3
F.R.J. CORP	1	0.1
FHWA	4	0.6
FITCH ELECTRIC	23	3.3
GILPATRICK CONST	1	0.1
GROATHOUSE	7	1.0
GTE	1	0.1
HARDRIVES INC.	2	0.3
HEALY	1	0.1
HURST	22	3.2
INDEPENDENT PLUM	8	1.2
L H SOWLES CO	1	0.1
LEV	12	1.7
LOVELAND EXC. CO	1	0.1
MARTIN MARIETTA	16	2.3
MENTER SAND & GR	5	0.7
MIDWEST TESTING	4	0.6
MILLER STEWART I	1	0.1
N.A.A.	4	0.6
NORTH AMERICAN I	1	0.1
NORTH. IMPROVE.	1	0.1
NOVA GROUP INC.	51	7.4
OWL	8	1.2
P. HOGAN CO.	33	4.8
PARKE MITCHELL	2	0.3
PERRETT CONSTRUC	2	0.3
PHILLIPS CONSTRU	4	0.6
PLATTE VALLEY	8	1.2
PLATTE VALLEY GR	7	1.0
ROBINSON CONST.	21	3.1
ROCKWELL INTNL	2	0.3
SIMS CORP	1	0.1
SPIEGELBERG	3	0.4
STERLING PAVING	2	0.3
TETRA TECH	3	0.4
TRW	1	0.1
TYGER CONSTRUCTI	4	0.6
URS-BERGER	37	5.4
US FOREST SERVIC	5	0.7
USAF	1	0.1
	60	8.7



APPENDIX A  
4. ALL INMIGRANT WORKERS (N=687)  
SELECTED FREQUENCIES OF INMIGRANT WORKERS

FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
USDA	5	0.7
UTE WESTERN	15	2.2
VROOMAN CONSTRUCT	9	1.3
WESTINGHOUSE	5	0.7
WILLMAR	1	0.1

WORKER CATEGORY

WORKER	FREQUENCY	PERCENT
ASSEMBLY & CHECK	179	26.1
CONSTRUCTION	303	44.1
FEDERAL CIVILIAN	126	18.3
FEDERAL MILITARY	60	8.7
OTHER CONTRACTOR	19	2.8

NAME OF UNION MEMBERSHIP

UNION	FREQUENCY	PERCENT
AEROSPACE	585	85.2
AFL/CIO	7	1.0
CARPENTER UNION	1	0.1
IAM	40	5.8
IBEW	3	0.4
IRONWORKERS LOCA	25	3.6
LOCAL	10	1.5
MACHINISTS	3	0.4
OPEN SHOP	2	0.3
OPERATING ENGINE	2	0.3
PAINTER & DRYWAL	1	0.1
PLUMBERS & PIPEF	1	0.1
TEAMSTERS	6	0.9

ARE YOU AN INMIGRANT

RELOCATE	FREQUENCY	PERCENT
YES	687	100.0

APPENDIX A  
4. ALL INMIGRANT WORKERS (N=687)  
SELECTED FREQUENCIES OF INMIGRANT WORKERS

18:39 MONDAY, MARCH 2, 1987 3

STATUS OF FAMILY

FAMILY	FREQUENCY	PERCENT
MISSING DATA	10	1.5
WITHOUT FAMILY	187	27.2
SINGLE	197	28.7
WITH FAMILY	293	42.6

PERMANENT OR TEMPORARY RESIDENT

RESIDENT	FREQUENCY	PERCENT
MISSING DATA	25	3.6
PERMANENT	187	27.2
TEMPORARY	475	69.1

WEEKLY OR DAILY COMMUTER

COMMUTER	FREQUENCY	PERCENT
MISSING DATA	226	32.9
DAILY	350	50.9
WEEKLY	111	16.2

MARITAL STATUS-MARRIED, OTHER, OR SINGLE

MARST	FREQUENCY	PERCENT
MISSING DATA	3	0.4
MARRIED	465	67.7
OTHER	22	3.2
SINGLE	197	28.7

APPENDIX A  
4. ALL IMMIGRANT WORKERS (N=687)  
SELECTED FREQUENCIES OF IMMIGRANT WORKERS

NUMBER OF PERSONS IN PERM HOUSEHOLD

PERSONS	FREQUENCY	PERCENT
1	14	2.0
2	145	21.1
3	172	25.0
4	122	17.8
5	142	20.7
6	58	8.4
7	19	2.8
8	12	1.7
9	3	0.4

SEX OF WORKER

SEX1	FREQUENCY	PERCENT
F	34	4.9
M	50	7.3
	603	87.8

DO YOU SHARE QTRS WITH OTHER WORKERS

SHARE	FREQUENCY	PERCENT
N	7	1.0
Y	506	73.7
	174	25.3

NUMBER OF WORKERS WITH WHOM SHARE QTRS

MANY	FREQUENCY	PERCENT
1	522	76.0
2	105	15.3
3	38	5.5
4	17	2.5
5	4	0.6
6	1	0.1

APPENDIX A  
4. ALL IMMIGRANT WORKERS (N=687)  
SELECTED FREQUENCIES OF IMMIGRANT WORKERS

TYPE OF RESIDENCE CURRENTLY

PESICURR	FREQUENCY	PERCENT
MISSING DATA	17	2.5
DETACHED SF HOME	250	36.4
ATTACHED SF HOME	74	10.8
APARTMENT	126	18.3
MOBILE HOME	95	13.8
HOTEL/MOTEL	82	11.9
RV/TENT	32	4.7
OTHER	11	1.6

TYPE OF RESIDENCE PRIOR TO JUNE, 1984

RESIJUNE	FREQUENCY	PERCENT
MISSING DATA	13	1.9
DETACHED SF HOME	340	49.5
ATTACHED SF HOME	88	12.8
APARTMENT	126	18.3
MOBILE HOME	91	13.2
HOTEL/MOTEL	3	0.4
RV/TENT	14	2.0
OTHER	12	1.7

TYPE OF RESIDENCE EXPECT TO HAVE

RESIEXPT	FREQUENCY	PERCENT
MISSING DATA	56	8.2
DETACHED SF HOME	181	26.3
ATTACHED SF HOME	57	8.3
APARTMENT	165	24.0
MOBILE HOME	93	13.5
HOTEL/MOTEL	61	8.9
RV/TENT	60	8.7
OTHER	14	2.0

DID YOU OWN OR RENT PRIOR TO JUNE, 1984

OWNJUNE	FREQUENCY	PERCENT
MISSING DATA	19	2.8
RENT	316	46.0
OWN	352	51.2

APPENDIX A  
 4. ALL IMMIGRANT WORKERS (N=687)  
 SELECTED FREQUENCIES OF IMMIGRANT WORKERS

18:40 MONDAY, MARCH 2, 1987 3

DO YOU OWN OR RENT CURRENTLY

OWNCURR	FREQUENCY	PERCENT
MISSING DATA	34	4.9
RENT	379	55.2
OWN	274	39.9

DO YOU EXPECT TO OWN OR RENT

OWNEXPT	FREQUENCY	PERCENT
MISSING DATA	78	11.4
RENT	409	59.5
OWN	200	29.1

APPENDIX A  
4. ALL INMIGRANT WORKERS (N=687)  
SELECTED CUMULATIVE FREQUENCIES OF ALL INMIGRANT WORKERS  
AGE OF WORKER

AGE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
17	178	25.9	178	25.9
18	1	0.1	179	26.1
19	4	0.6	183	26.6
20	4	0.6	187	27.2
21	4	0.6	191	27.8
22	11	1.6	202	29.4
23	11	1.6	213	31.0
24	15	2.2	228	33.2
25	19	2.8	247	36.0
26	11	1.6	258	37.6
27	17	2.5	275	40.0
28	19	2.8	294	42.8
29	16	2.3	313	45.6
30	17	2.5	329	47.9
31	20	2.9	346	50.4
32	14	2.0	366	53.3
33	14	2.0	380	55.3
34	12	1.7	394	57.4
35	26	3.8	406	59.1
36	9	1.3	432	62.9
37	14	2.0	441	64.2
38	14	2.0	455	66.2
39	6	0.9	469	68.3
40	11	1.6	475	69.1
41	10	1.5	486	70.7
42	15	2.2	496	72.2
43	17	2.5	511	74.4
44	11	1.6	528	76.9
45	14	2.0	539	78.5
46	11	1.6	553	80.5
47	11	1.6	564	82.1
48	8	1.2	575	83.7
49	4	0.6	583	84.9
50	13	1.9	587	85.4
51	10	1.5	600	87.3
52	8	1.2	610	88.8
53	10	1.5	618	90.0
54	14	2.0	628	91.4
55	8	1.2	642	93.4
56	7	1.0	650	94.6
57	7	1.0	657	95.6
58	3	0.4	664	96.7
59	8	1.2	667	97.1
60	3	0.4	675	98.3
61	3	0.4	678	98.7
62	3	0.4	681	99.1
63	2	0.3	684	99.6
64	1	0.1	686	99.9
			687	100.0

APPENDIX A  
 4. ALL INMIGRANT WORKERS (N=687)  
 SELECTED CUMULATIVE FREQUENCIES OF ALL INMIGRANT WORKERS  
 YEARS OF EDUCATION OF WORKER

EDUC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	158	23.0	158	23.0
2	2	0.3	160	23.3
3	18	2.6	178	25.9
4	4	0.6	182	26.5
5	8	1.2	190	27.7
6	7	1.0	197	28.7
7	229	33.3	426	62.0
8	10	1.5	436	63.5
9	14	2.0	450	65.5
10	114	16.6	564	82.1
11	87	12.7	651	94.8
12	20	2.9	671	97.7
13	16	2.3	687	100.0

APPENDIX A  
 4. ALL INMIGRANT WORKERS (N=687)  
 SELECTED MEANS OF INMIGRANT WORKERS

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	STD ERROR OF MEAN	SUM
AGE 1	AGE OF WORKER	509	37.55795678	11.33192309	17.00000000	64.00000000	0.50227866	19117.0000
EDUC 1	YEARS OF EDUCATION OF WORKER	529	13.50283554	2.37180636	1.00000000	18.00000000	0.10312202	7143.0000
MANY	NUMBER OF WORKERS WITH WHOM SHARE QTRS	165	1.55757576	0.97124207	1.00000000	9.00000000	0.07561109	257.0000
PERSONS	NUMBER OF PERSONS IN PERM HOUSEHOLD	673	2.87518574	1.52045361	1.00000000	8.00000000	0.05860918	1935.0000



APPENDIX A  
4. ALL INMIGRANT WORKERS (N=687)  
ANALYSIS OF ELEM STUDENTS OF INMIGRANTS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT		
	P	T	
	ELEM	ELEM	
	SUM	SUM	
ARE YOU AN INMIGRANT			
V	43.00	90.00	

APPENDIX A  
4. ALL INMIGRANT WORKERS (N=687)  
ANALYSIS OF JRHIGH STUDENTS OF INMIGRANTS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT	
	P	T
	JRHI	JRHI
	SUM	SUM
ARE YOU AN INMIGRANT		
V	17.00	63.00

APPENDIX A  
 4. ALL INMIGRANT WORKERS (N=687)  
 ANALYSIS OF SRHIGH STUDENTS OF INN'GRANTS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT			
	P	T		
	SRHI	SRHI		
	SUM	SUM		
ARE YOU AN INMIGRANT				
Y	23.00			74.00

APPENDIX A  
4. ALL IMMIGRANT WORKERS (N=687)  
CROSSTAB OF IMMIGRANT WORKERS BY POSITION AND RESIDENCE TYPE

TABLE OF WORKER BY RESIDENT

WORKER(WORKER CATEGORY) RESIDENT(PERMANENT OR TEMPORARY RESIDENT)

FREQUENCY PERCENT ROW PCT COL PCT	P		T		TOTAL
ASSEMBLY & CHECK	6	56	117	173	26.13
	.	8.46	17.67		
	.	32.37	67.63		
	.	29.95	24.63		
CONSTRUCTION	9	37	257	294	44.41
	.	5.59	38.82		
	.	12.59	87.41		
	.	19.79	54.11		
FEDERAL CIVILIAN	8	69	49	118	17.82
	.	10.42	7.40		
	.	58.47	41.53		
	.	36.90	10.32		
FEDERAL MILITARY	2	20	38	58	8.76
	.	3.02	5.74		
	.	34.48	65.52		
	.	10.70	8.00		
OTHER CONTRACTOR	0	5	14	19	2.87
	.	0.76	2.11		
	.	26.32	73.68		
	.	2.67	2.95		
TOTAL	.	187	475	662	100.00
	.	28.25	71.75		

FREQUENCY MISSING = 25

## APPENDIX A

4. ALL INMIGRANT WORKERS (N=687)  
CROSSTAB OF INMIGRANT WORKERS BY POSITION AND RESIDENCE TYPE JUNE 84

TABLE OF WORKER BY RESIJUNE

WORKER(WORKER CATEGORY)		RESIJUNE(TYPE OF RESIDENCE PRIOR TO JUNE, 1984)										
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE OME	HOTEL/MO TEL	RV/TENT	OTHER	TOTAL			
ASSEMBLY & CHECK	3	94	23	25	31	1	1	1	1	1	176	26.11
	.	13.95	3.41	3.71	4.60	0.15	0.15	0.15	0.15	0.15		
	.	53.41	13.07	14.20	17.61	0.57	0.57	0.57	0.57	0.57		
	.	27.65	26.14	19.84	34.07	33.33	7.14	8.33	7.14	8.33		
CONSTRUCTION	6	133	35	64	46	1	12	6	1	6	297	44.07
	.	19.73	5.19	9.50	6.82	0.15	1.78	0.89	1.78	0.89		
	.	44.78	11.78	21.55	15.49	0.34	4.04	2.02	4.04	2.02		
	.	39.12	39.77	50.79	50.55	33.33	85.71	50.00	33.33	85.71		
FEDERAL CIVILIAN	3	73	14	20	13	1	1	1	1	1	123	18.25
	.	10.83	2.08	2.97	1.93	0.15	0.15	0.15	0.15	0.15		
	.	59.35	11.38	16.26	10.57	0.81	0.81	0.81	0.81	0.81		
	.	21.47	15.91	15.87	14.29	33.33	7.14	8.33	33.33	7.14		
FEDERAL MILITARY	1	26	14	14	1	0	0	4	0	4	59	8.75
	.	3.88	2.08	2.08	0.15	0.00	0.00	0.59	0.00	0.59		
	.	44.07	23.73	23.73	1.69	0.00	0.00	6.78	0.00	6.78		
	.	7.65	15.91	11.11	1.10	0.00	0.00	33.33	0.00	33.33		
OTHER CONTRACTOR	0	14	2	3	0	0	0	0	0	0	19	2.82
	.	2.08	0.30	0.45	0.00	0.00	0.00	0.00	0.00	0.00		
	.	73.68	10.53	15.79	0.00	0.00	0.00	0.00	0.00	0.00		
	.	4.12	2.27	2.38	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL	.	340	88	126	91	3	14	12	14	12	674	100.00
	.	50.45	13.06	18.69	13.50	0.45	2.08	1.78	2.08	1.78		

FREQUENCY MISSING = 13

## APPENDIX A

4. ALL INMIGRANT WORKERS (N=687)  
CROSSTAB OF INMIGRANT WORKERS BY POSITION AND CURRENT RESIDENCE TYPE

TABLE OF WORKER BY RESICURR

WORKER(WORKER CATEGORY)		RESICURR(TYPE OF RESIDENCE CURRENTLY)										TOTAL
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE H OME	HOTEL/MO TEL	RV/TENT	OTHER				
ASSEMBLY & CHECK	6	70	22	25	19	32	4	1			173	
	.	10.45	3.28	3.73	2.84	4.78	0.60	0.15			25.82	
	.	40.46	12.72	14.45	10.98	18.50	2.31	0.58				
	.	28.00	29.73	19.84	20.00	39.02	12.50	9.09				
CONSTRUCTION	9	104	27	55	61	17	26	4			294	
	.	15.52	4.03	8.21	9.10	2.54	3.88	0.60			43.88	
	.	35.37	9.18	18.71	20.75	5.78	8.84	1.36				
	.	41.60	36.49	43.65	64.21	20.73	81.25	36.36				
FEDERAL CIVILIAN	1	42	15	23	12	28	2	3			125	
	.	6.27	2.24	3.43	1.79	4.18	0.30	0.45			18.66	
	.	33.60	12.00	18.40	9.60	22.40	1.60	2.40				
	.	16.80	20.27	18.25	12.63	34.15	6.25	27.27				
FEDERAL MILITARY	1	21	8	20	3	4	0	3			59	
	.	3.13	1.19	2.99	0.45	0.60	0.00	0.45			8.81	
	.	35.59	13.56	33.90	5.08	6.78	0.00	5.08				
	.	8.40	10.81	15.87	3.16	4.88	0.00	27.27				
OTHER CONTRACTOR	0	13	2	3	0	1	0	0			19	
	.	1.94	0.30	0.45	0.00	0.15	0.00	0.00			2.84	
	.	68.42	10.53	15.79	0.00	5.26	0.00	0.00				
	.	5.20	2.70	2.38	0.00	1.22	0.00	0.00				
TOTAL	.	250	74	126	95	82	32	11			670	
	.	37.31	11.04	18.81	14.18	12.24	4.78	1.64			100.00	

FREQUENCY MISSING = 17

APPENDIX A  
4. ALL IMMIGRANT WORKERS (N=687)

## CROSSTAB OF IMMIGRANT WORKERS BY POSITION AND EXPECTED RESIDENCE TYPE

## TABLE OF WORKER BY RESIEXPT

WORKER(WORKER CATEGORY)		RESIEXPT(TYPE OF RESIDENCE EXPECT TO HAVE)										
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE HOME	HOTEL/MO TEL	RV/TENT	OTHER	TOTAL			
ASSEMBLY & CHECK	18	69	23	43	17	5	3	1	161			
		10.94	3.65	6.81	2.69	0.79	0.48	0.16	25.52			
		42.86	14.29	26.71	10.56	3.11	1.86	0.62				
		38.12	40.35	26.06	18.28	8.20	5.00	7.14				
CONSTRUCTION	24	30	6	76	51	53	55	8	279			
		4.75	0.95	12.04	8.08	8.40	8.72	1.27	44.22			
		10.75	2.15	27.24	18.28	19.00	19.71	2.87				
		16.57	10.53	46.06	54.84	86.89	91.67	57.14				
FEDERAL CIVILIAN	9	49	15	29	19	1	2	2	117			
		7.77	2.38	4.60	3.01	0.16	0.32	0.32	18.54			
		41.88	12.82	24.79	16.24	0.85	1.71	1.71				
		27.07	26.32	17.58	20.43	1.64	3.33	14.29				
FEDERAL MILITARY	3	23	11	14	6	0	0	3	57			
		3.65	1.74	2.22	0.95	0.00	0.00	0.48	9.03			
		40.35	19.30	24.56	10.53	0.00	0.00	5.26				
		12.71	19.30	8.48	6.45	0.00	0.00	21.43				
OTHER CONTRACTOR	2	10	2	3	0	2	0	0	17			
		1.58	0.32	0.48	0.00	0.32	0.00	0.00	2.69			
		58.82	11.76	17.65	0.00	11.76	0.00	0.00				
		5.52	3.51	1.82	0.00	3.28	0.00	0.00				
TOTAL		181	57	165	93	61	60	14	631			
		28.68	9.03	26.15	14.74	9.67	9.51	2.22	100.00			

FREQUENCY MISSING = 56

4. ALL INMIGRANT WORKERS (N=687)

**FREQUENCY BAR CHART**

PRIORST	HOME STATE PRIOR TO JUNE, 1984	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AK	BCD	3	3	0.44	0.44
AL	CCD	5	8	0.74	1.18
AR	CD	3	11	0.44	1.62
AZ	BBCCDD	11	22	1.62	3.25
CA	ABBBBCCCCCCCCCCCCCCCCCCCCCCCC	69	91	10.19	13.44
CO	ABBBBCCCCCCCCCCCCCCCCCCCCCCCC	76	167	11.23	24.67
DE	B	1	168	0.15	24.82
FL	BCCC	9	177	1.33	26.14
GA	C	2	179	0.30	26.44
ID	BBCCDD	12	191	1.77	28.21
IL	CC	3	194	0.44	28.66
KS	ABCCC	9	203	1.33	29.99
KY	C	1	204	0.15	30.13
MA	BC	3	207	0.44	30.58
MD	BC	2	209	0.30	30.87
ME	C	1	210	0.15	31.02
MI	CCD	5	215	0.74	31.76
MN	D	2	217	0.30	32.05
MO	ABBBCCD	14	231	2.07	34.12
MS	C	1	232	0.15	34.27
MT	BBBBBCCCCCCCCCCCC	31	263	4.58	38.85
ND	ABBBBCCCCCCCCCCCCCCCCCCCC	56	319	8.27	47.12
NE	BBBBBCCCCCCCCCCCC	31	350	4.58	51.70
NH	C	1	351	0.15	51.85
NM	BBCC	6	357	0.89	52.73
NV	CCD	4	361	0.59	53.32
NY	CD	2	363	0.30	53.62
OH	CCD	5	368	0.74	54.36
OK	C	1	369	0.15	54.51
OR	BBCCD	7	376	1.03	55.54
PA	B	2	378	0.30	55.83
SC	BCD	5	383	0.74	56.57
SD	BBBBBCCCCCCCCCCCC	34	417	5.02	61.60
TN	B	1	418	0.15	61.74
TX	BBCCCCD	15	433	2.22	63.96
UT	BBBBCCCCCCCCCCCCCCCCCCCC	53	486	7.83	71.79
VA	B	1	487	0.15	71.94
WA	BBBBBBBCCCCCCCCCCCCCCCCCCCC	69	556	10.19	82.13
WY	AABBBBCCCCCCCCCCCCCCCCCCCC	105	661	15.51	97.64
XX	BBCCCCC	16	677	2.36	100.00

FREQUENCY			
SYMBOL	FAMILY	SYMBOL	FAMILY
A	MISSING DATA	B	SINGLE
		C	WITH FAMILY
		D	WITHOUT FAMILY



#### 4. ALL INMIGRANT WORKERS (N=687)

FREQUENCY BAR CHART

RELOST	STATE TO WHICH ONE INTENDS TO RELOCATE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
AZ		1	1	0.19	0.19
CO		5	6	0.95	1.14
MI		1	7	0.19	1.33
ND		5	12	0.95	2.29
NE		2	14	0.38	2.67
OR		1	15	0.19	2.86
SD		5	20	0.95	3.81
TX		1	21	0.19	4.00
UT		1	22	0.19	4.19
WA		1	23	0.19	4.38
WY	ARBB	502	525	95.62	100.00

FREQUENCY		
SYMBOL	FAMILY	
A	MISSING DATA	
B	SINGLE	
C	WITH FAMILY	
D	WITHOUT FAMILY	



CITIES WITHIN ARKANSAS FROM WHICH WORKERS ORIGINATED.

18:50 MONDAY, MARCH 2, 1987 20

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BRADFORD	1	33.3
JUDSONIA	1	33.3
PRUDOE BAY	1	33.3

ALL INMIGRANTS.  
CITIES WITHIN ALABAMA FROM WHICH WORKERS ORIGINATED.

18:50 MONDAY, MARCH 2, 1987 21

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
AL BATIN	1	20.0
HUNTSVILLE	2	40.0
MOBILE	2	40.0

ALL INMIGRANTS.  
CITIES WITHIN ARIZONA FROM WHICH WORKERS ORIGINATED.

18:50 MONDAY, MARCH 2, 1967 22

HOME CITY PRIOR TO JUNE, 1984		
PRIORCI	FREQUENCY	PERCENT
BLACK MESSA	1	7.1
BLYTHEVILLE	1	7.1
BRADFORD	2	14.3
BULLHEAD	1	7.1
GILA BEND	1	7.1
MESA	1	7.1
PAGE	2	14.3
PHOENIX	4	28.6
SCOTTSDALE	1	7.1

ALL INMIGRANTS.  
CITIES WITHIN CALIFORNIA FROM WHICH WORKERS ORIGINATED.

18:50 MONDAY, MARCH 2, 1987 23

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
CLOVIS	1	1.4
ECTORE	1	1.4
EDWARDS	1	1.4
EDWARDS AFB	1	1.4
FRESNO	1	1.4
GRAND TERRACE	1	1.4
GRASS VALLEY	1	1.4
HELEN DALE	1	1.4
HIGHLAND	1	1.4
LAENDALE	1	1.4
LAKE ARROWHEAD	1	1.4
LAKE ELSINORE	1	1.4
LANCASTER	1	1.4
LOMPOC	9	13.0
LOS ANGELES	2	2.9
MADERA	1	1.4
MCCLOUD	1	1.4
MISSION VIEJO	1	1.4
NAPA	1	1.4
NORTON AFB	1	1.4
PETULUMA	2	2.9
PISMO BEACH	1	1.4
QUINCY	2	2.9
REDDING	1	1.4
REDLANDS	2	2.9
REDONDO BEACH	1	1.4
RIVERSIDE	2	2.9
RUNNING SPRINGS	1	1.4
SAN BERNARDINO	5	7.2
SAN DIEGO	1	1.4
SAN JOSE	1	1.4
SAN PABLO	1	1.4
SANTA CRUZ	1	1.4
SANTA MARIA	13	18.8
SUISAN CITY	1	1.4
SUNNVVALE	1	1.4
VANDENBERG AFB	2	2.9
YUCAIPA	1	1.4
VUCCA VALLEY	1	1.4

ALL INMIGRANTS.  
CITIES WITHIN COLORADO FROM WHICH WORKERS ORIGINATED.

18:50 MONDAY, MARCH 2, 1987 24

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
ARVADA	1	1.3
BROOMFIELD	1	1.3
COLORADO SPRINGS	10	13.2
DENVER	9	11.8
DURANGO	1	1.3
FLORENCE	1	1.3
FORT COLLINS	6	7.9
FOUNTAIN	2	2.6
GILCREST	2	2.6
GRAND JUNCTION	4	5.3
GREELEY	6	7.9
ICIFF	1	1.3
LITTLETON	4	5.3
LOUISVILLE	1	1.3
LOVELAND	4	5.3
NUNN	1	1.3
PALISADE	1	1.3
PARACHUTE	1	1.3
PLATTEVILLE	4	5.3
PUEBLO	2	2.6
RIFLE	6	7.9
SEDALIA	2	2.6
SEDGWICK	2	2.6
STERLING	2	2.6
WESTMINSTER	1	1.3
WHEATRIDGE	1	1.3

ALL INMIGRANTS.  
CITIES WITHIN FLORIDA FROM WHICH WORKERS ORIGINATED.

18:50 MONDAY, MARCH 2, 1987 25

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
CAPE CANAVERAL	1	11.1
COCOA	2	22.2
DEFUNIAK SPRINGS	1	11.1
FT WALTON BCH	1	11.1
JACKSONVILLE	1	11.1
MERRITT ISLAND	1	11.1
SATELLITE BEACH	1	11.1
STARKE	1	11.1



ALL INMIGRANTS.  
CITIES WITHIN GEORGIA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 26

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
COLUMBUS	1	50.0
JONESBORO	1	50.0

ALL INMIGRANTS.  
CITIES WITHIN IDAHO FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 27

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BANKS	1	8.3
BLOOMINGTON	1	8.3
BONNERS FERRY	1	8.3
COEUR D'ALENE	1	8.3
IDAHO FALLS	1	8.3
LEWISTON	1	8.3
MOUNTAIN HOME	2	16.7
PRESTON	1	8.3
PRIECE	1	8.3
ST MARIES	2	16.7

ALL INMIGRANTS.  
CITIES WITHIN ILLINOIS FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 28

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BELLEVILLE	1	33.3
COLLINSVILLE	1	33.3
ROCKFORD	1	33.3

CITIES WITHIN KENTUCKY FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 29

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
LONDON	1	100.0

CITIES WITHIN MASSACHUSETTS FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 30

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
ACTON	1	33.3
CAMBRIDGE	1	33.3
MEDFIELD	1	33.3

ALL INMIGRANTS.  
CITIES WITHIN MARYLAND FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 31

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BOWIE	1	50.0
LAUREL	1	50.0

ALL IMMIGRANTS.  
CITIES WITHIN MICHIGAN FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 32

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BAY CITY	1	20.0
GWINN	1	20.0
LIVONIA	1	20.0
MIDLAND	1	20.0
ST ROBERTS	1	20.0

CITIES WITHIN MINNESOTA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 33

HOME CITY PRIOR TO JUNE, 1984		
PRIORCI	FREQUENCY	PERCENT
HOPKINS	1	50.0
OAK PARK	1	50.0



ALL INMIGRANTS.  
CITIES WITHIN MISSOURI FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1967 34

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BOLIVAR	1	7.1
BRANSON	1	7.1
COLUMBIA	1	7.1
KNOB NOSTER	4	26.6
LAMONTE	1	7.1
SEDALIA	3	20.4
ST LOUIS	1	7.1
WARRENBURG	1	7.1
WARRENTON	1	7.1

ALL INMIGRANTS.  
CITIES WITHIN MISSISSIPPI FROM WHICH WORKERS ORIGINATED.

HOME CITY PRIOR TO JUNE, 1984		
PRIORCI	FREQUENCY	PERCENT
GREENVILLE	1	100.0

ALL INMIGRANTS.  
CITIES WITHIN MONTANA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 36

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BILLINGS	1	3.2
BOZEMAN	1	3.2
BUTTE	2	6.5
COLESTRIP	2	6.5
CULBERTSON	1	3.2
FT SHAW	1	3.2
GREAT FALLS	11	35.5
HAVRE	1	3.2
HELENA	1	3.2
HUNTLEY	1	3.2
LEWISTON	1	3.2
LEWISTOWN	1	3.2
LIVINGSTON	1	3.2
POLSON	2	6.5
RYEGATE	1	3.2
SAVAGE	2	6.5
SIDNEY	1	3.2

# CITIES WITHIN NORTH DAKOTA FROM WHICH WORKERS ORIGINATED.

10.01 MONDAY, MARCH 4, 1981 3/

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BEULAH	1	1.8
BISMARCK	1	1.8
CAVALIER	1	1.8
CENTER	2	3.6
CLEVELAND	1	1.8
COLEHARBOR	1	1.8
DEVILS LAKE	1	1.8
DICKINSON	1	1.8
FARGO	3	5.4
GOLDEN VALLEY	1	1.8
GRAND FORKS	10	17.9
JAMESTOWN	5	8.9
KENMARE	1	1.8
LAKOTA	6	10.7
LARIMORE	2	3.6
MANDAN	1	1.8
MARION	1	1.8
MEDINA	3	5.4
MINOT	5	8.9
PETERSBURG	1	1.8
RIVERDALE	1	1.8
STANLEY	1	1.8
STRASBURG	1	1.8
TAPPEN	1	1.8
UNDERWOOD	1	1.8
VALLEY CITY	1	1.8
VELVA	1	1.8
WASHBURN	1	1.8

ALL INMIGRANTS.  
CITIES WITHIN NEBRASKA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 38

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
AINSWORTH	1	3.2
ANSLEY	2	6.5
BAYARD	3	9.7
BELLEVUE	1	3.2
BRIDGEPORT	1	3.2
CHADRON	1	3.2
CODY	1	3.2
CROOKSTON	1	3.2
DALTON	1	3.2
GRAND ISLAND	2	6.5
HARRISBURG	1	3.2
HENRY	1	3.2
KIMBALL	1	3.2
LINDSAY	1	3.2
MINATARE	1	3.2
O'NEILL	1	3.2
SCOTTSBLUFF	3	9.7
SIDNEY	3	9.7
VALENTINE	3	9.7
WEST POINT	1	3.2
WINNEMUCCA	1	3.2

ALL IMMIGRANTS.  
CITIES WITHIN NEW MEXICO FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 39

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
ALBUQUERQUE	4	66.7
LAS CRUCES	2	33.3

ALL IMMIGRANTS.  
CITIES WITHIN NEW YORK FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 40

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
HYDE PARK	1	50.0
LIVERPOOL	1	50.0

ALL IMMIGRANTS.  
CITIES WITHIN OHIO FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 41

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BEAVER CREEK	1	20.0
COLUMBUS	1	20.0
DAYTON	2	40.0
FAIRBARN	1	20.0



ALL INMIGRANTS.  
CITIES WITHIN OKLAHOMA FROM WHICH WORKERS ORIGINATED.

18.51 MONDAY, MARCH 2, 1987 42

HOME CITY PRIOR TO JUNE, 1984		
PRIORCI	FREQUENCY	PERCENT
OKLAHOMA CITY	1	100.0

ALL IMMIGRANTS.  
CITIES WITHIN OREGON FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 43

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
GRASS VALLEY	1	14.3
KLAMATH FALLS	3	42.9
PORTLAND	2	28.6
WARRENTON	1	14.3

ALL IMMIGRANTS.  
CITIES WITHIN PENNSYLVANIA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 44

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
PHILADELPHIA	1	50.0
PITTSBURGH	1	50.0

CITIES WITHIN SOUTH CAROLINA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 45

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BELION	1	20.0
CAMPEN	1	20.0
SPARTANBURG	2	40.0
WEDGEFIELD	1	20.0

ALL INMIGRANTS.  
CITIES WITHIN SOUTH DAKOTA FROM WHICH WORKERS ORIGINATED.

18:51 MONDAY, MARCH 2, 1987 46

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BOXELDER	1	2.9
BROOKINGS	1	2.9
CAMP CROOK	1	2.9
CHAMBERLAIN	1	2.9
CUSTER	1	2.9
DELL RAPIDS	1	2.9
DESMET	2	5.9
DOLAND	1	2.9
EDGEMONT	1	2.9
ELK POINT	2	5.9
ELLSWORTH AFB	1	2.9
FRUITDALE	1	2.9
HURON	1	2.9
ISABEL	1	2.9
LEAD	1	2.9
MITCHELL	1	2.9
OKRECK	1	2.9
PARMELEE	1	2.9
POLLOCK	2	5.9
PRINGLE	1	2.9
RAPID CITY	4	11.8
SIOUX FALLS	3	8.8
SPEARFISH	2	5.9
STURGIS	1	2.9
VIBORG	1	2.9

ALL INMIGRANTS.  
CITIES WITHIN TEXAS FROM WHICH WORKERS ORIGINATED.

18:52 MONDAY, MARCH 2, 1987 47

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
ALVARADO	1	6.7
AMARILLO	1	6.7
BURKBURNETT	1	6.7
CLEBURNE	2	13.3
CROWLEY	1	6.7
ELECTRA	2	13.3
FORT WORTH	2	13.3
JOSHUA	2	13.3
PORT LAVACA	1	6.7
SAN ANGELO	1	6.7
VERNON	1	6.7

ALL INMIGRANTS.  
CITIES WITHIN UTAH FROM WHICH WORKERS ORIGINATED.

18:52 MONDAY, MARCH 2, 1987 48

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BOUNTIFUL	1	1.9
BRIGHAM	1	1.9
CLEARFIELD	6	11.3
CLINTON	2	3.8
DELTA	2	3.8
HILL AFB	1	1.9
KEARNS	1	1.9
LAYTON	6	11.3
LEWISTON	1	1.9
NEDHI	1	1.9
OGDEN	12	22.6
PAYTON	1	1.9
PUCHESNE	1	1.9
ROY	5	9.4
SALT LAKE CITY	4	7.5
SUNSET	2	3.8
TOOELE	2	3.8
VERNAL	2	3.8
WEST VALLEY	2	3.8

CITIES WITHIN VIRGINIA FROM WHICH WORKERS ORIGINATED.

18:52 MONDAY, MARCH 2, 1987 49

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
-----	-----	-----
MANASSAS	1	100.0



ALL INMIGRANTS.  
CITIES WITHIN WASHINGTON FROM WHICH WORKERS ORIGINATED.

18:52 MONDAY, MARCH 2, 1987 50

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
ABERDEEN	1	1.4
ALGONA	1	1.4
AUBURN	2	2.9
BOTHELL	1	1.4
CAMAND ISLAND	1	1.4
COLVILLE	1	1.4
EDMONDS	2	2.9
ELLENSBURG	3	4.3
ENUMCLAW	1	1.4
EVERETT	2	2.9
FEDERAL WAY	2	2.9
GOLDENDALE	1	1.4
HOBART	1	1.4
ISSAQUAL	1	1.4
KENNEWICK	1	1.4
KENT	7	10.1
MARYSVILLE	3	4.3
MT VERNON	2	2.9
MUKILTEO	1	1.4
POSSER	1	1.4
PULLMAN	1	1.4
RENTON	4	5.8
RICHLAND	1	1.4
SEATTLE	18	26.1
SPOKANE	1	1.4
STANWOOD	1	1.4
SUMNER	2	2.9
TACOMA	1	1.4
VANCOUVER	3	4.3
VANTAGE	1	1.4
WOODINVILLE	1	1.4

ALL INMIGRANTS.  
CITIES WITHIN WYOMING FROM WHICH WORKERS ORIGINATED.

18:52 MONDAY, MARCH 2, 1987 51

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
BIG HORN	1	1.0
BIG PINEY	1	1.0
BUFFALO	2	1.9
CASPER	11	10.5
CHEYENNE	9	8.6
CROWHEART	1	1.0
DAYTON	1	1.0
DEAVER	1	1.0
DOUGLAS	9	8.6
EVANSTON	2	1.9
FARSON	1	1.0
FE WARREN	1	1.0
FORT LARAMIE	1	1.0
GILLETTE	6	5.7
GLENDO	1	1.0
GREEN RIVER	1	1.0
GUERNSEY	1	1.0
HANNA	1	1.0
HULEH	1	1.0
KEMMERER	1	1.0
LANCE CREEK	1	1.0
LANDER	1	1.0
LARAMIE	7	6.7
LINGLE	1	1.0
LOVELL	1	1.0
LUSK	1	1.0
LYMAN	1	1.0
NEWCASTLE	3	2.9
ORAN JUNCTION	1	1.0
PINE BLUFFS	2	1.9
POWELL	1	1.0
RANCHESTER	3	2.9
RAWLINS	1	1.0
RIVERTON	6	5.7
ROCK SPRINGS	4	3.8
ROZETE	1	1.0
SHERIDAN	4	3.8
SUNDANCE	2	1.9
TORRINGTON	5	4.8
UPTON	2	1.9
WHEATLAND	3	2.9
WRIGHT	1	1.0

ALL INMIGRANTS.  
CITIES WITHIN FOREIGN COUNTRIES FROM WHICH WORKERS ORIGINATED.

18:52 MONDAY, MARCH 2, 1987 52

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
AL BATIN	1	6.7
DAHHRAN	1	6.7
FRANKFURT	1	6.7
KING KHALID MIL-	1	6.7
KOREA	1	6.7
MADRID	1	6.7
OVERSEAS	1	6.7
PARIS	1	6.7
PUSAN	1	6.7
RAF UPPER HEYFOR	1	6.7
RAMSTEIN AFB	1	6.7
STUTTGART	1	6.7
THATCHAM	1	6.7
WUERZBURG	1	6.7
YOKOTA AB	1	6.7

CITIES FOR WHICH THE STATE NAME WAS MISSING FROM WHICH WORKERS ORIGINATED. 18:52 MONDAY, MARCH 2, 1987 53

ALL IMMIGRANTS.

HOME CITY PRIOR TO JUNE, 1984

PRIORCI	FREQUENCY	PERCENT
AL BATIN	1	50.0
CENTER	1	50.0

ALL INMIGRANTS.  
CITIES WITHIN ARKANSAS WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BRADFORD	1	50.0
JUDSONIA	1	50.0

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
DADEVILLE	1	16.7
HUNTSVILLE	2	33.3
LUVERNE	1	16.7
MOBILE	2	33.3

CITIES WITHIN ARIZONA WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

ALL IMMIGRANTS.

18:59 MONDAY, MARCH 2, 1987 56

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BULLHEAD	1	11.1
GILA BEND	1	11.1
HUNTSVILLE	1	11.1
MESA	1	11.1
PHOENIX	4	44.4
SCOTTSDALE	1	11.1

ALL IMMIGRANTS.

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
CLOVIS	1	3.2
DINUBA	1	3.2
FREEMONT	1	3.2
GRAND TERRACE	1	3.2
HERMOS., BEACH	1	3.2
INGLEWOOD	1	3.2
LAKE ARROWHEAD	1	3.2
LOMPOC	3	9.7
MADERA	2	6.5
MODESTO	1	3.2
MT SHASTA	1	3.2
NAPA	1	3.2
PALMS 29	1	3.2
PETULUMA	1	3.2
QUINCY	1	3.2
REDDING	1	3.2
REDLANDS	1	3.2
RUNNING SPRINGS	1	3.2
SAN BERNARDINO	2	6.5
SAN JOSE	1	3.2
SAN LUIS OBISPO	1	3.2
SAN PABLO	1	3.2
SANTA MARIA	3	9.7
SUISAN CITY	1	3.2
YUCCA VALLEY	1	3.2



PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ARVADA	1	1.5
AURORA	1	1.5
BROOMFIELD	1	1.5
COLORADO SPRINGS	6	9.2
DENVER	9	13.8
FLORENCE	1	1.5
FORT COLLINS	5	7.7
FOUNTAIN	2	3.1
FRUITA	1	1.5
GILCREST	2	3.1
GRAND JUNCTION	4	6.2
GREELEY	5	7.7
ICIFF	1	1.5
LITTLETON	3	4.6
LOUISVILLE	1	1.5
LOVELAND	3	4.6
LOVELEND	1	1.5
NUNN	1	1.5
PARACHUTE	1	1.5
PLATTEVILLE	4	6.2
PUEBLO	2	3.1
RIFLE	4	6.2
SEDALIA	1	1.5
SEDGWICK	2	3.1
STERLING	2	3.1
WHEATRIDGE	1	1.5

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BROOKSVILLE	1	12.5
CAPE CANAVERAL	1	12.5
COCOA	2	25.0
JACKSONVILLE	2	25.0
LAKE LAND	1	12.5
SATELLITE BEACH	1	12.5

CITIES WITHIN GEORGIA WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE  
ALL IMMIGRANTS.  
18:59 MONDAY, MARCH 2, 1987 60

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
CARROLLTON	1	33.3
ROME	1	33.3
WASHINGTON	1	33.3

ALL INMIGRANTS.  
CITIES WITHIN IDAHO WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

## PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
AMERICAN FALLS	1	8.3
BLOOMINGTON	1	8.3
BOISE	1	8.3
BONNERS FERRY	1	8.3
COEUR D'ALENE	1	8.3
IDAHO FALLS	1	8.3
LEWISTON	1	8.3
PRESTON	1	8.3
SANDPOINT	1	8.3
ST MARIES	2	16.7
TWIN FALLS	1	8.3

ALL IMMIGRANTS.  
CITIES WITHIN ILLINOIS WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
AURORA	1	50.0
CHICAGO HEIGHTS	1	50.0

PERMANENT HOME CITY		
PERMCI	FREQUENCY	PERCENT
ASHLAND	1	33.3
FIREBRICE	1	33.3
LONDON	1	33.3

CITIES WITHIN LOUISINIA WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

ALL INMIGRANTS.

18:59 MONDAY, MARCH 2, 1987 64

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
KILVOER	1	50.0
SLIDELL	1	50.0

CITIES WITHIN MICHIGAN WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BAY CITY	1	33.3
KANSAS CITY	1	33.3
LIVONIA	1	33.3



CITIES WITHIN MINNESOTA WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

18:59 MONDAY, MARCH 2, 1987 66

ALL IMMIGRANTS.

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ARGYLE	1	33.3
HOPKINS	1	33.3
OAK PARK	1	33.3

CITIES WITHIN MISSOURI WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
FLORISSANT	1	12.5
GREEN RIDGE	1	12.5
JOPLIN	1	12.5
KNOB NOSTER	1	12.5
MARYVILLE	1	12.5
SEDALIA	3	37.5

CITIES WITHIN MISSISSIPPI WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

19:00 MONDAY, MARCH 2, 1987 68

ALL IMMIGRANTS.

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
GREENVILLE	1	50.0
JACKSON	1	50.0

CITIES WITHIN MONTANA WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

ALL IMMIGRANTS.

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BROWNING	1	4.2
BUTTE	2	8.3
COLESTRIP	1	4.2
CULBERTSON	1	4.2
FT SHAW	1	4.2
GREAT FALLS	6	25.0
HELENA	1	4.2
HUNTLEY	1	4.2
LEWISTOWN	2	8.3
LIVINGSTON	1	4.2
POLSON	2	8.3
POTOMAC	1	4.2
RYEGATE	1	4.2
SAVAGE	2	8.3
SIDNEY	1	4.2

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BEULAH	1	2.5
BISMARCK	2	5.0
CASSELTON	1	2.5
CAVALIER	1	2.5
CENTER	3	7.5
COLEHARBOR	1	2.5
DICKINSON	2	5.0
FARGO	3	7.5
FOXHOLM	1	2.5
GRAND FORKS	2	5.0
JAMESTOWN	6	15.0
KENWARE	2	5.0
LARIMORE	2	5.0
MANDAN	1	2.5
MARION	1	2.5
MEDINA	1	2.5
MINOT	3	7.5
STANLEY	1	2.5
STRASBURG	1	2.5
TAPPEN	1	2.5
UNDERWOOD	1	2.5
VALLEY CITY	1	2.5
VELVA	1	2.5
WASHBURN	1	2.5

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
AINSWORTH	1	3.4
ANSLEY	2	6.9
CHADRON	2	6.9
CROOKSTON	1	3.4
GERING	1	3.4
GRAND ISLAND	2	6.9
HARRISBURG	1	3.4
KIMBALL	1	3.4
LINDSAY	1	3.4
MINATARE	1	3.4
MITCHELL	1	3.4
O'NEILL	1	3.4
OMAHA	1	3.4
RUSHVILLE	1	3.4
SCOTTSBLUFF	5	17.2
SIDNEY	1	3.4
VALENTINE	6	20.7

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ALBUQUERQUE	2	66.7
LAS CRUSES	1	33.3

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
CHESTENTOWN	1	33.3
NIAGARA FALLS	1	33.3
OAKFIELD	1	33.3



19:00 MONDAY, MARCH 2, 1987 74

ALL INMIGRANTS.  
CITIES WITHIN OHIO WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
YOUNGSTOWN	1	100.0

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ASTORIA	1	12.5
HOODRIVER	1	12.5
KLAMATH FALLS	2	25.0
PORTLAND	3	37.5
TILLAMOOK	1	12.5

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
CONESTOGA	1	50.0
PITTSBURGH	1	50.0

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BELTON	1	33.3
SPARTANBURG	2	66.7

CITIES WITHIN SOUTH DAKOTA WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

ALL INMIGRANTS.

19:00 MONDAY, MARCH 2, 1987 78

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ABERDEEN	1	2.9
BOX ELDER	1	2.9
CAMP CROOK	2	5.7
CHAMBERLAIN	1	2.9
CUSTER	1	2.9
DESMET	2	5.7
DOLAND	1	2.9
FREDERICK	1	2.9
FRUITDALE	1	2.9
GREGORY	1	2.9
HURON	1	2.9
ISABEL	1	2.9
LEAD	1	2.9
LUDWICK	1	2.9
MARTIN	1	2.9
MITCHELL	1	2.9
MT VERNON	1	2.9
OKRECK	1	2.9
PARMELEE	1	2.9
POLLOCK	2	5.7
RAPID CITY	5	14.3
SIOUX FALLS	3	8.6
SPEARFISH	1	2.9
STURGIS	2	5.7
VIBORG	1	2.9

19:00 MONDAY, MARCH 2, 1987 79

ALL IMMIGRANTS.  
CITIES WITHIN TEXAS WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ALVARADO	1	6.7
AUSTIN	1	6.7
CAMANCHE	1	6.7
CLEBURNE	3	20.0
CROWLEY	1	6.7
EL PASO	1	6.7
FORT WORTH	1	6.7
JOSHUA	2	13.3
LUBBOCK	1	6.7
PORT LAVACA	1	6.7
SAN ANTONIO	1	6.7
WACO	1	6.7

19:00 MONDAY, MARCH 2, 1987 80

ALL INMIGRANTS.  
CITIES WITHIN UTAH WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BOUNTIFUL	1	5.3
CLEARFIELD	1	5.3
CLINTON	1	5.3
LAYTON	3	15.8
LEWISTON	1	5.3
OGDEN	3	15.8
ROY	6	31.6
SALT LAKE CITY	2	10.5
WEST VALLEY	1	5.3

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
MANASSAS	1	100.0



PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
ABERDEEN	1	1.3
ALGONA	1	1.3
AUBURN	2	2.6
BOTHELL	1	1.3
CAMAND ISLAND	1	1.3
EDMONDS	1	1.3
ELLENSBURG	2	2.6
ENUNCLAW	1	1.3
EVERETT	3	3.8
EVERRETT	1	1.3
FEDERAL WAY	1	1.3
GOLDENDALE	1	1.3
HOBART	1	1.3
ISSAQUAL	1	1.3
KENNEWICK	1	1.3
KENT	4	5.1
MARYSVILLE	3	3.8
METALINE	1	1.3
MT VERNON	1	1.3
MUKILTEO	1	1.3
OLYMPIA	1	1.3
OMAK	1	1.3
PORT ORCHARD	1	1.3
PROSSER	1	1.3
PULLMAN	1	1.3
PUYALLUP	1	1.3
RENTON	4	5.1
RICHLAND	1	1.3
SEATTLE	29	37.2
SPOKANE	2	2.6
STANWOOD	1	1.3
SUMNER	3	3.8
TACOMA	1	1.3
VANCOUVER	2	2.6

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
BIG HORN	1	0.6
BIG PINEY	1	0.6
BUFFALO	3	1.7
CASPER	10	5.7
CHEYENNE	84	48.0
CLEARMONT	1	0.6
CRAWFORD	1	0.6
CROWHEART	2	1.1
DAYTON	1	0.6
DOUGLAS	8	4.6
EVANSTON	3	1.7
EVANSVILLE	2	1.1
FE WARREN	1	0.6
FORT LARAMIE	1	0.6
FORT WASHAKIE	1	0.6
GILLETTE	5	2.9
GOLD OSAGE	1	0.6
GREEN RIVER	1	0.6
GUERNSEY	1	0.6
KAYCEE	1	0.6
KEMMERER	1	0.6
KENT	1	0.6
LANCE CREEK	1	0.6
LANDER	1	0.6
LARAMIE	7	4.0
LINGLE	1	0.6
LOVELL	1	0.6
LYMAN	1	0.6
NEWCASTLE	3	1.7
ORIN	1	0.6
PARKERSBURG	1	0.6
POWELL	1	0.6
RAWLINS	1	0.6
RIVERTON	4	2.3
ROCK SPRINGS	4	2.3
ROZETE	1	0.6
SHERIDAN	4	2.3
SUNDANCE	2	1.1
TORRINGTON	5	2.9
UPTON	2	1.1
WHEATLAND	2	1.1
WRIGHT	1	0.6

CITIES FOR WHICH THE STATE NAME WAS MISSING WHICH WORKERS CONSIDER THEIR PERMANENT RESIDENCE

ALL INMIGRANTS.

19:01 MONDAY, MARCH 2, 1987 84

PERMANENT HOME CITY

PERMCI	FREQUENCY	PERCENT
NOMANIC	65	100.0

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
ARVADA	1	2.1
AURORA	1	2.1
BROOMFIELD	1	2.1
COLORADO SPRINGS	4	8.3
DENVER	5	10.4
ENGLEWOOD	1	2.1
FLORENCE	1	2.1
FORT COLLINS	6	12.5
FRUITA	1	2.1
GILCREST	2	4.2
GRAND JUNCTION	2	4.2
GREELEY	6	12.5
ICIFF	1	2.1
LITTLETON	1	2.1
LOVELAND	4	8.3
NUNN	1	2.1
PARACHUTE	1	2.1
PLATTEVILLE	4	8.3
PUEBLO	2	4.2
SEDGWICK	2	4.2
WHEATRIDGE	1	2.1

19:07 MONDAY, MARCH 2, 1987 88

ALL INMIGRANTS.  
CITIES WITHIN FLORIDA WHERE WORKERS PRESENTLY LIVE.

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
LEROI	1	100.0

CITIES WITHIN ARIZONA WHERE WORKERS PRESENTLY LIVE.

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
BULLHEAD	1	33.3
PHOENIX	1	33.3
VUMA	1	33.3

CITIES WITHIN CALIFORNIA WHERE WORKERS PRESENTLY LIVE.

19:07 MONDAY, MARCH 2, 1987 86

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
GRAND TERRACE	1	50.0
LOS ANGELES	1	50.0

CITY IN WHICH CURRENTLY RESIDING		
RESICI	FREQUENCY	PERCENT
-----		
BONNERS FERRY	1	100.0



ALL IMMIGRANTS.  
CITIES WITHIN MINNESOTA WHERE WORKERS PRESENTLY LIVE.

19:08 MONDAY, MARCH 2, 1987 90

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
OAK PARK	1	100.0

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
BISMARCK	1	10.0
CENTER	1	10.0
DICKINSON	1	10.0
FARGO	1	10.0
GRAND FORKS	1	10.0
MARION	1	10.0
MEDINA	1	10.0
STANLEY	1	10.0
STRASBURG	1	10.0
VALLEY CITY	1	10.0

19:08 MONDAY, MARCH 2, 1987 94

ALL IMMIGRANTS.  
CITIES WITHIN NEBRASKA WHERE WORKERS PRESENTLY LIVE.

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
ANSLEY	1	5.9
CENTRAL CITY	2	11.8
GERING	2	11.8
KIMBALL	2	11.8
LINDSAY	1	5.9
MINATARE	1	5.9
O'NEILL	1	5.9
SCOTTSBLUFF	3	17.6
VALENTINE	4	23.5

CITIES WITHIN MISSOURI WHERE WORKERS PRESENTLY LIVE.

19:08 MONDAY, MARCH 2, 1987 91

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
-----	-----	-----
KNOB NOSTER	1	50.0
ST LOUIS	1	50.0

ALL INMIGRANTS.  
CITIES WITHIN MONTANA WHERE WORKERS PRESENTLY LIVE.

19:08 MONDAY, MARCH 2, 1987 92

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
COLESTRIP	1	10.0
CULBERTSON	1	10.0
GREAT FALLS	1	10.0
HELENA	1	10.0
HUNTLEY	1	10.0
LEWISTON	1	10.0
POLSON	2	20.0
SAVAGE	1	10.0
SIDNEY	1	10.0

ALL IMMIGRANTS.  
CITIES WITHIN OREGON WHERE WORKERS PRESENTLY LIVE.

19:08 MONDAY, MARCH 2, 1987 95

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
PORTLAND	1	100.0

ALL INMIGRANTS.  
CITIES WITHIN SOUTH DAKOTA WHERE WORKERS PRESENTLY LIVE.

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
EDGE MONT	1	11.1
HURON	1	11.1
LEAD	1	11.1
POLLOCK	2	22.2
RAPID CITY	3	33.3
WHEATON	1	11.1

ALL IMMIGRANTS.  
CITIES WITHIN TEXAS WHERE WORKERS PRESENTLY LIVE.

19:08 MONDAY, MARCH 2, 1987 97

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
ALVARADO	1	33.3
CROWLEY	1	33.3
JOSHUA	1	33.3



19:08 MONDAY, MARCH 2, 1987 98

ALL INMIGRANTS.  
CITIES WITHIN UTAH WHERE WORKERS PRESENTLY LIVE.

CITY IN WHICH CURRENTLY RESIDING

RESID	FREQUENCY	PERCENT
ROY	1	100.0

ALL IMMIGRANTS.  
CITIES WITHIN WASHINGTON WHERE WORKERS PRESENTLY LIVE.

19:09 MONDAY, MARCH 2, 1987 99

CITY IN WHICH CURRENTLY RESIDING		
RESICI	FREQUENCY	PERCENT
BOTHELL	1	6.7
ELLENSBURG	1	6.7
ENUMCLAW	1	6.7
KENNEWICK	1	6.7
KENT	1	6.7
PULLMAN	1	6.7
RENTON	1	6.7
SEATTLE	6	40.0
VANCOUVER	2	13.3

ALL INMIGRANTS.  
CITIES WITHIN WYOMING WHERE WORKERS PRESENTLY LIVE.

19:09 MONDAY, MARCH 2, 1987 100

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
BIG HORN	1	0.2
BUFFALO	1	0.2
CARPENTER	1	0.2
CASPER	5	1.0
CHEYENNE	409	78.7
CHUGWATER	23	4.4
CROWHEART	2	0.4
DAYTON	1	0.2
DOUGLAS	1	0.2
FE WARREN	6	1.2
FEDERAL WAY	1	0.2
FORT LARAMIE	1	0.2
GILLETTE	1	0.2
GOLD OSAGE	1	0.2
GREEN RIVER	1	0.2
GUERNSEY	1	0.2
LA GRANGE	4	0.8
LANDER	1	0.2
LARAMIE	8	1.5
LINGLE	1	0.2
LITTLETON	1	0.2
NEWCASTLE	1	0.2
ORIN	1	0.2
POWELL	1	0.2
RIVERTON	3	0.6
ROCK SPRINGS	3	0.6
SHERIDAN	4	0.8
SLATER	1	0.2
TORRINGTON	2	0.4
WHEATLAND	33	6.3

CITIES FOR WHICH THE STATE NAME WAS MISSING WHERE WORKERS PRESENTLY LIVE.

CITY IN WHICH CURRENTLY RESIDING

RESICI	FREQUENCY	PERCENT
--------	-----------	---------

ALL INMIGRANTS.  
CITIES WITHIN ARIZONA TO WHICH WORKERS INTEND TO RELOCATE.

19:16 MONDAY, MARCH 2, 1987 102

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
MESA	1	100.0

ALL INMIGRANTS.  
CITIES WITHIN COLORADO TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
COLORADO SPRINGS	1	20.0
DENVER	1	20.0
FORT COLLINS	1	20.0
SEDGWICK	1	20.0
WHEATRIDGE	1	20.0

ALL INMIGRANTS.  
CITIES WITHIN MICHIGAN TO WHICH WORKERS INTEND TO RELOCATE.

19:16 MONDAY, MARCH 2, 1987 104

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOC	FREQUENCY	PERCENT
MARQUETTE	1	100.0

ALL AMMUNITION  
CITIES WITHIN NORTH DAKOTA TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOC	FREQUENCY	PERCENT
CASSELTON	1	20.0
FARGO	1	20.0
JAMESTOWN	2	40.0
LAMOURE	1	20.0



19:16 MONDAY, MARCH 2, 1987 106

ALL INMIGRANTS.  
CITIES WITHIN NEBRASKA TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
CHADRON	1	50.0
VALENTINE	1	50.0

19:16 MONDAY, MARCH 2, 1987 107

ALL IMMIGRANTS.  
CITIES WITHIN OREGON TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOC	FREQUENCY	PERCENT
PORTLAND	1	100.0

CITIES WITHIN SOUTH DAKOTA TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOC	FREQUENCY	PERCENT
DESMET	2	40.0
DOLAND	1	20.0
SIOUX FALLS	2	40.0

19:17 MONDAY, MARCH 2, 1987 109

ALL IMMIGRANTS.  
CITIES WITHIN TEXAS TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
ALVARADO	1	100.0

19:17 MONDAY, MARCH 2, 1987 110

ALL IMMIGRANTS.  
CITIES WITHIN UTAH TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
ROY	1	100.0

19:17 MONDAY, MARCH 2, 1987 111

ALL INMIGRANTS.  
CITIES WITHIN WASHINGTON TO WHICH WORKERS INTEND TO RELOCATE.

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
VANCOUVER	1	100.0

ALL INMIGRANTS.  
CITIES WITHIN WYOMING TO WHICH WORKERS INTEND TO RELOCATE.

19:17 MONDAY, MARCH 2, 1987 112

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOC	FREQUENCY	PERCENT
CASPER	1	0.2
CHEYENNE	403	80.4
CHUGWATER	32	6.4
EXIT 29	1	0.2
FE WARREN	2	0.4
FORT LARAMIE	1	0.2
GILLETTE	1	0.2
HARRISBURG	1	0.2
HARTVILLE	1	0.2
LA GRANGE	4	0.8
LANDER	2	0.4
LARAMIE	1	0.2
POWELL	1	0.2
SLATER	3	0.6
WHEATLAND	47	9.4

CITIES FOR WHICH THE STATE NAME WAS MISSING TO WHICH WORKERS INTEND TO RELOCATE. 19:17 MONDAY, MARCH 2, 1987 113

CITY TO WHICH ONE INTENDS TO RELOCATE

RELOCI	FREQUENCY	PERCENT
-----	-----	-----



5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE (N=509)  
 APPENDIX A  
 SELECTED FREQUENCIES FOR RELOCATED RESIDENTS

19:22 MONDAY, MARCH 2, 1987 1

FIRM FOR WHICH HIRED

FIRM	FREQUENCY	PERCENT
AULICK LEASING	5	1.0
BOEING	1	0.2
CMD	146	28.7
COE	20	3.9
CONSOLIDATED CON	23	4.5
CORTEZ	3	0.6
DET 60	1	0.2
EMULSIFIED ASPHA	48	9.4
ENERGY ELECTRIC	2	0.4
ESQUIRE ELECTRIC	1	0.2
F.R.J. CORP	1	0.2
FHWA	2	0.4
GILPATRICK CONST	17	3.3
GROATHOUSE	7	1.4
GTE	1	0.2
HEALY	2	0.4
HURST	22	4.3
L H SOWLES CO	8	1.6
LEV	12	2.4
LOVELAND EXC. CO	1	0.2
MARTIN MARIETTA	16	3.1
MENTER SAND & GR	5	1.0
MIDWEST TESTING	4	0.8
MILLER STEWART I	1	0.2
NORTH AMERICAN I	4	0.8
NORTH IMPROVE.	1	0.2
NOVA GROUP INC.	4	0.8
OWL	1	0.2
PARKE MITCHELL	33	6.5
PERRETT CONSTRU	1	0.2
PHILLIPS CONSTRU	8	1.6
PLATTE VALLEY	1	0.2
ROBINSON CONST.	10	2.0
ROCKWELL INTNL	1	0.2
SPIEGELBERG	3	0.6
STERLING PAVING	1	0.2
TRW	3	0.6
TYGER CONSTRUCTI	4	0.8
US FOREST SERVIC	4	0.8
USAF	1	0.2
USDA	59	11.6
UTE WESTERN	5	1.0
VROOMAN CONSTRU	1	0.2
WESTINGHOUSE	9	1.8
WILLMAR	5	1.0
	1	0.2

WORKER CATEGORY

WORKER	FREQUENCY	PERCENT
ASSEMBLY & CHECK	179	35.2
CONSTRUCTION	144	28.3
FEDERAL CIVILIAN	114	22.4
FEDERAL MILITARY	59	11.6
OTHER CONTRACTOR	13	2.6

NAME OF UNION MEMBERSHIP

UNION	FREQUENCY	PERCENT
AEROSPACE	418	82.1
AFL/CIO	7	1.4
IAM	1	0.2
IBEW	40	7.9
IRONWORKERS LOCA	3	0.6
LOCAL	25	4.9
MACHINISTS	6	1.2
OPEN SHOP	3	0.6
OPERATING ENGINE	1	0.2
PAINTER & DRYWAL	2	0.4
PLUMBERS & PIPEF	1	0.2
TEAMSTERS	1	0.2

ARE YOU AN IMMIGRANT

RELOCATE	FREQUENCY	PERCENT
YES	509	100.0

STATUS OF FAMILY

FAMILY	FREQUENCY	PERCENT
MISSING DATA	8	1.6
WITHOUT FAMILY	115	22.6
SINGLE	130	25.5
WITH FAMILY	256	50.3

APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE (N=509)  
 SELECTED FREQUENCIES FOR RELOCATED RESIDENTS

19:22 MONDAY, MARCH 2, 1987 3

PERMANENT OR TEMPORARY RESIDENT		
RESIDENT	FREQUENCY	PERCENT
MISSING DATA	25	4.9
PERMANENT	187	36.7
TEMPORARY	297	58.3

WEEKLY OR DAILY COMMUTER		
COMMUTER	FREQUENCY	PERCENT
MISSING DATA	169	33.2
DAILY	274	53.8
WEEKLY	66	13.0

MARITAL STATUS-MARRIED, OTHER, OR SINGLE		
MARST	FREQUENCY	PERCENT
MISSING	3	0.6
MARRIED	356	69.9
OTHER	20	3.9
SINGLE	130	25.5

NUMBER OF PERSONS IN PERM HOUSEHOLD		
PERSONS	FREQUENCY	PERCENT
1	12	2.4
2	110	21.6
3	133	26.1
4	85	16.7
5	98	19.3
6	48	9.4
7	16	3.1
8	8	1.6
9	3	0.6

SEX OF WORKER		
SEX1	FREQUENCY	PERCENT
F	28	5.5
M	481	94.5

DO YOU SHARE QTRS WITH OTHER WORKERS

SHARE	FREQUENCY	PERCENT
N	413	81.1
Y	89	17.5

NUMBER OF WORKERS WITH WHOM SHARE QTRS

MANY	FREQUENCY	PERCENT
1	428	84.1
2	54	10.6
3	19	3.7
4	6	1.2
	2	0.4

TYPE OF RESIDENCE CURRENTLY

RESICURR	FREQUENCY	PERCENT
MISSING DATA	13	2.6
DETACHED SF HOME	191	37.5
ATTACHED SF HOME	58	11.4
APARTMENT	87	17.1
MOBILE HOME	69	13.6
HOTEL/MOTEL	66	13.0
RV/TENT	16	3.1
OTHER	9	1.8

TYPE OF RESIDENCE PRIOR TO JUNE, 1984

RESIJUNE	FREQUENCY	PERCENT
MISSING DATA	8	1.6
DETACHED SF HOME	258	50.7
ATTACHED SF HOME	67	13.2
APARTMENT	88	17.3
MOBILE HOME	68	13.4
HOTEL/MOTEL	2	0.4
RV/TENT	8	1.6
OTHER	10	2.0

5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE (N=509) 19:22 MONDAY, MARCH 2, 1987 5

APPENDIX A

SELECTED FREQUENCIES FOR RELOCATED RESIDENTS

TYPE OF RESIDENCE EXPECT TO HAVE

RESIEXPT	FREQUENCY	PERCENT
MISSING DATA	46	9.0
DETACHED SF HOME	161	31.6
ATTACHED SF HOME	53	10.4
APARTMENT	112	22.0
MOBILE HOME	76	14.9
HOTEL/MOTEL	29	5.7
RV/TENT	23	4.5
OTHER	9	1.8

DID YOU OWN OR RENT PRIOR TO JUNE, 1984

OWNJUNE	FREQUENCY	PERCENT
MISSING DATA	13	2.6
RENT	222	43.6
OWN	274	53.8

DO YOU OWN OR RENT CURRENTLY

OWNCURR	FREQUENCY	PERCENT
MISSING DATA	26	5.1
RENT	286	56.2
OWN	197	38.7

DO YOU EXPECT TO OWN OR RENT

OWNEXPT	FREQUENCY	PERCENT
MISSING DATA	63	12.4
RENT	292	57.4
OWN	154	30.3

APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
 SELECTED CUMULATIVE FREQUENCIES FOR RELOCATED RESIDENTS

AGE OF WORKER			
AGE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY PERCENT
18	146	28.7	28.7
19	1	0.2	28.9
20	2	0.4	29.3
21	2	0.4	29.7
22	6	1.2	30.8
23	1	0.2	31.0
24	9	1.8	32.8
25	9	1.8	34.6
26	7	1.4	36.0
27	10	2.0	37.9
28	13	2.6	40.5
29	14	2.8	43.2
30	11	2.2	45.4
31	10	2.0	47.3
32	15	2.9	50.3
33	11	2.2	52.5
34	11	2.2	54.6
35	7	1.4	56.0
36	21	4.1	60.1
37	8	1.6	61.7
38	11	2.2	63.9
39	13	2.6	66.4
40	5	1.0	67.4
41	4	0.8	68.2
42	7	1.4	69.5
43	15	2.9	72.5
44	17	3.3	75.8
45	9	1.8	77.6
46	10	2.0	79.6
47	8	1.6	81.1
48	10	2.0	83.1
49	6	1.2	84.3
50	3	0.6	84.9
51	11	2.2	87.0
52	8	1.6	88.6
53	6	1.2	89.8
54	6	1.2	91.0
55	13	2.6	93.5
56	7	1.4	94.9
57	3	0.6	95.5
58	5	1.0	96.5
59	3	0.6	97.1
60	5	1.0	98.0
61	3	0.6	98.6
62	3	0.6	99.2
63	2	0.4	99.6
64	1	0.2	99.8
	1	0.2	100.0

APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
 SELECTED CUMULATIVE FREQUENCIES FOR RELOCATED RESIDENTS

YEARS OF EDUCATION OF WORKER			
EDUC1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY
			PERCENT
8	119	23.4	119
9	5	1.0	124
10	3	0.6	127
11	3	0.6	130
12	2	0.4	132
13	165	32.4	297
14	9	1.8	306
15	10	2.0	316
16	91	17.9	407
17	73	14.3	480
18	18	3.5	498
	11	2.2	509
			23.4
			24.4
			25.0
			25.5
			25.9
			58.3
			60.1
			62.1
			80.0
			94.3
			97.8
			100.0

APPENDIX A  
5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
MEANS OF SELECTED VARIABLES FOR RELOCATING WORKERS STILL IN THE AREA.

VARIABLE	LABEL	MEAN	MINIMUM VALUE	MAXIMUM VALUE	STANDARD DEVIATION
PERSONS	NUMBER OF PERSONS IN PERM HOUSEHOLD	2.85311871	1.000000000	8.000000000	1.54128512
AGE1	AGE OF WORKER	38.95041322	18.000000000	64.000000000	10.82675061
EDUC1	YEARS OF EDUCATION OF WORKER	13.62820513	8.000000000	18.000000000	2.09018378



APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
 ANALYSIS OF ELEM STUDENTS OF RELOCATING WORKERS ACCORDING TO RESIDENCE

	PERMANENT OR TEMPORARY RESIDENT		
	P	T	
	ELEM	ELEM	
	SUM	SUM	
ARE YOU AN IMMIGRANT			
Y	43.00		54.00

APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
 ANALYSIS OF JRHIGH STUDENTS OF RELOCATING WORKERS ACCORDING TO RESIDENCE

19:23 MONDAY, MARCH 2, 1987 10

PERMANENT OR TEMPORARY RESIDENT	
P	T
JRHI	JRHI
SUM	SUM
ARE YOU AN IMMIGRANT	
V	
	17.00
	38.00

APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA IS PERMANENT RESIDENCE  
 ANALYSIS OF SRHIGH STUDENTS OF RELOCATING WORKERS ACCORDING TO RESIDENCE

PERMANENT OR TEMPORARY RESIDENT	
P	T
SRHI	SRHI
SUM	SUM
ARE YOU AN IMMIGRANT	
V	23.00 47.00

APPENDIX A  
 5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
 CROSSTAB OF RELOCATING WORKERS BY POSITION AND RESIDENCE TYPE

TABLE OF WORKER BY RESIDENT

WORKER(WORKER CATEGORY)      RESIDENT(PERMANENT OR TEMPORARY RESIDENT)

FREQUENCY PERCENT ROW PCT COL PCT	P		T		TOTAL
ASSEMBLY & CHECK	6	56	117	173	35.74
	.	11.57	24.17		
	.	32.37	67.63		
	.	29.95	39.39		
CONSTRUCTION	9	37	98	135	27.89
	.	7.64	20.25		
	.	27.41	72.59		
	.	19.79	33.00		
FEDERAL CIVILIAN	8	69	37	106	21.90
	.	14.26	7.64		
	.	65.09	34.91		
	.	36.90	12.46		
FEDERAL MILITARY	2	20	37	57	11.78
	.	4.13	7.64		
	.	35.09	64.91		
	.	10.70	12.46		
OTHER CONTRACTOR	0	5	8	13	2.69
	.	1.03	1.65		
	.	38.46	61.54		
	.	2.67	2.69		
TOTAL	.	187	297	484	100.00
	.	38.64	61.36		

FREQUENCY MISSING = 25

APPENDIX A  
5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
CROSSTAB OF RELOCATING WORKERS BY POSITION AND RESIDENCE TYPE JUNE 84

TABLE OF WORKER BY RESIJUNE

WORKER(WORKER CATEGORY) RESIJUNE(TYPE OF RESIDENCE PRIOR TO JUNE, 1984)

FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMEN T	MOBILE OME	H TEL	HOTEL/MO RV/TENT	OTHER	TOTAL
ASSEMBLY & CHECK	3	94	23	25	31	1	1	1	176
	.	18.76	4.59	4.99	6.19	0.20	0.20	0.20	35.13
	.	53.41	13.07	14.20	17.61	0.57	0.57	0.57	
	.	36.43	34.33	28.41	45.59	50.00	12.50	10.00	
CONSTRUCTION	1	64	14	32	23	0	6	4	143
	.	12.77	2.79	6.39	4.59	0.00	1.20	0.80	28.54
	.	44.76	9.79	22.38	16.08	0.00	4.20	2.80	
	.	24.81	20.90	36.36	33.82	0.00	75.00	40.00	
FEDERAL CIVILIAN	3	66	14	15	13	1	1	1	111
	.	13.17	2.79	2.99	2.59	0.20	0.20	0.20	22.16
	.	59.46	12.61	13.51	11.71	0.90	0.90	0.90	
	.	25.58	20.90	17.05	19.12	50.00	12.50	10.00	
FEDERAL MILITARY	1	25	14	14	1	0	0	4	58
	.	4.99	2.79	2.79	0.20	0.00	0.00	0.80	11.58
	.	43.10	24.14	24.14	1.72	0.00	0.00	6.90	
	.	9.69	20.90	15.91	1.47	0.00	0.00	40.00	
OTHER CONTRACTOR	0	9	2	2	0	0	0	0	13
	.	1.80	0.40	0.40	0.00	0.00	0.00	0.00	2.59
	.	69.23	15.38	15.38	0.00	0.00	0.00	0.00	
	.	3.49	2.99	2.27	0.00	0.00	0.00	0.00	
TOTAL	.	258	67	88	68	2	8	10	501
	.	51.50	13.37	17.56	13.57	0.40	1.60	2.00	100.00

FREQUENCY MISSING = 8

APPENDIX A  
3. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
CROSSTAB OF RELOCATING WORKERS BY POSITION AND CURRENT RESIDENCE TYPE

TABLE OF WORKER BY RESICURR

WORKER(WORKER CATEGORY)		RESICURR(TYPE OF RESIDENCE CURRENTLY)									
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMENT T	MOBILE HOME	HOTEL TEL	RV/TENT	OTHER	TOTAL		
ASSEMBLY & CHECK	6	70	22	25	19	32	4	1	173		
	.	14.11	4.44	5.04	3.83	6.45	0.81	0.20	34.88		
	.	40.46	12.72	14.45	10.98	18.50	2.31	0.58			
	.	36.65	37.93	28.74	27.54	48.48	25.00	11.11			
CONSTRUCTION	5	51	13	22	35	6	10	2	139		
	.	10.28	2.62	4.44	7.06	1.21	2.02	0.40	28.02		
	.	33.69	9.35	15.83	25.18	4.32	7.19	1.44			
	.	26.70	22.41	25.29	50.72	9.09	62.50	22.22			
FEDERAL CIVILIAN	1	40	13	19	12	24	2	3	113		
	.	6.06	2.62	3.83	2.42	4.84	0.40	0.60	22.78		
	.	35.40	11.50	16.81	10.62	21.24	1.77	2.65			
	.	20.94	22.41	21.84	17.39	36.36	12.50	33.33			
FEDERAL MILITARY	1	20	8	20	3	4	0	3	58		
	.	4.03	1.61	4.03	0.60	0.81	0.00	0.60	11.69		
	.	34.48	13.79	34.48	5.17	6.90	0.00	5.17			
	.	10.47	13.79	22.99	4.35	6.06	0.00	33.33			
OTHER CONTRACTOR	0	10	2	1	0	0	0	0	13		
	.	1.02	0.40	0.20	0.00	0.00	0.00	0.00	2.62		
	.	76.92	15.38	7.69	0.00	0.00	0.00	0.00			
	.	5.24	3.45	1.15	0.00	0.00	0.00	0.00			
TOTAL	.	191	58	87	69	66	16	9	496		
	.	38.51	11.69	17.54	13.91	13.31	3.23	1.81	100.00		

FREQUENCY MISSING = 13

APPENDIX A  
5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
CROSSTAB OF RELOCATING WORKERS BY POSITION AND EXPECTED RESIDENCE TYPE

TABLE OF WORKER BY RESIEXPT

WORKER(WORKER CATEGORY)		RESIEXPT(TYPE OF RESIDENCE EXPECT TO HAVE)										
FREQUENCY PERCENT ROW PCT COL PCT	MISSING DATA	DETACHED SF HOME	ATTACHED SF HOME	APARTMENT T	MOBILE HOME	HOTEL/MO TEL	RV/TENT	OTHER	TOTAL			
ASSEMBLY & CHECK	18	69	23	43	17	5	3	1	161	34.77		
	.	14.90	4.97	9.29	3.67	1.08	0.65	0.22				
	.	42.86	14.29	26.71	10.56	3.11	1.86	0.62				
	.	42.86	43.40	38.39	22.37	17.24	13.04	11.11				
CONSTRUCTION	14	14	2	35	34	24	18	3	130	28.08		
	.	3.02	0.43	7.56	7.34	5.18	3.89	0.65				
	.	10.77	1.54	26.92	26.15	18.46	13.85	2.31				
	.	8.70	3.77	31.25	44.74	82.76	78.26	33.33				
FEDERAL CIVILIAN	9	48	15	19	19	0	2	2	105	22.68		
	.	10.37	3.24	4.10	4.10	0.00	0.43	0.43				
	.	45.71	14.29	18.10	18.10	0.00	1.90	1.90				
	.	29.81	28.30	16.96	25.00	0.00	8.70	22.22				
FEDERAL MILITARY	3	22	11	14	6	0	0	3	56	12.10		
	.	4.75	2.38	3.02	1.30	0.00	0.00	0.65				
	.	39.29	19.64	25.00	10.71	0.00	0.00	5.36				
	.	13.66	20.75	12.50	7.89	0.00	0.00	33.33				
OTHER CONTRACTOR	2	8	2	1	0	0	0	0	11	2.38		
	.	1.73	0.43	0.22	0.00	0.00	0.00	0.00				
	.	72.73	18.18	9.09	0.00	0.00	0.00	0.00				
	.	4.97	3.77	0.89	0.00	0.00	0.00	0.00				
TOTAL	.	161	53	112	76	29	23	9	463	100.00		
	.	34.77	11.45	24.19	16.41	6.26	4.97	1.94				

FREQUENCY MISSING = 46

FREQUENCY BAR CHART

[illegible]

**FREQUENCY**

SYMBOL FAMILY		SYMBOL FAMILY		SYMBOL FAMILY	
A	MISSING DATA	B	SINGLE	C	WITH FAMILY
				D	WITHOUT FAMILY

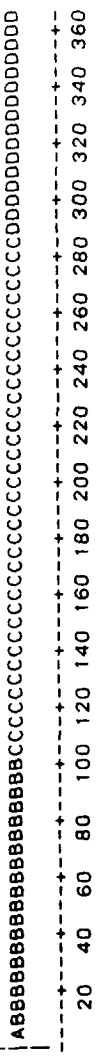




APPENDIX A  
5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
BAR GRAPH OF RELOCATING WORKERS INTENDED RELOCATING STATE OF RESIDENCE

FREQUENCY BAR CHART

RELOST	STATE TO WHICH ONE INTENDS TO RELOCATE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
CO		3	3	0.79	0.79
MI		1	4	0.26	1.06
NE		1	5	0.26	1.32
SD		5	10	1.32	2.65
TX		1	11	0.26	2.91
UT		1	12	0.26	3.17
WA		1	13	0.26	3.44
WY		365	378	96.56	100.00



FREQUENCY

SYMBOL	FAMILY	SYMBOL	FAMILY	SYMBOL	FAMILY
A	MISSING DATA	B	SINGLE	C	WITH FAMILY
				D	WITHOUT FAMILY

5. RELOCATED WORKERS WHO INDICATED THIS AREA AS PERMANENT RESIDENCE  
 APPENDIX A  
 BAR GRAPH OF RELOCATING WORKERS PERMANENT STATES OF RESIDENCE

FREQUENCY BAR CHART

[illegible]

FREQUENCY			
SYMBOL	FAMILY	SYMBOL	FAMILY
A	MISSING DATA	B	SINGLE
		C	WITH FAMILY
		D	WITHOUT FAMILY

## APPENDIX B

APPENDIX B  
FOURTH QUARTER, 1986  
PEACEKEEPER CONTRACTOR MONITORING SURVEY  
Part 1

Date 31 December, 1986

Monitoring Program Use Only

A. Contracting Agency 10 of 13 (77%)  
B. Prime Contractor \_\_\_\_\_  
C. Contract I.D. # \_\_\_\_\_  
D. Contract Term \_\_\_\_\_  
E. Contract Value \_\_\_\_\_  
F. Contact Person \_\_\_\_\_  
Phone \_\_\_\_\_  
G. Subcontractor 32 of 38 (84%)

1. What are the primary activities your firm is doing for this project? (Provide Standard Industrial Classification Code if known.) \_\_\_\_\_  
\_\_\_\_\_

2. What are your Wyoming and/or Nebraska sales and/or use tax license number(s)? (If no number, give date of application.) \_\_\_\_\_

WY. Laramie Co. \_\_\_\_\_ /0/ \_\_\_\_\_ Date Applied for? \_\_\_\_\_  
Platte Co. \_\_\_\_\_ /0/ \_\_\_\_\_  
Goshen Co. \_\_\_\_\_ /0/ \_\_\_\_\_  
Nebraska \_\_\_\_\_ /0/ \_\_\_\_\_

3. Where is your firm's home base? 20 from Wyoming Zip Code \_\_\_\_\_

4. From which location(s) do you plan to operate for this project? \_\_\_\_\_  
\_\_\_\_\_

5. Is your firm unionized? Yes 2 No 32 Both 4

6. What insurance benefits are provided to workers employed for this project?

Life Insurance 26 Psychiatric Services 10  
Hospital Services 19 Alcoholism Treatment 9

**Wyoming** 21,000 **Nebraska** 2,300